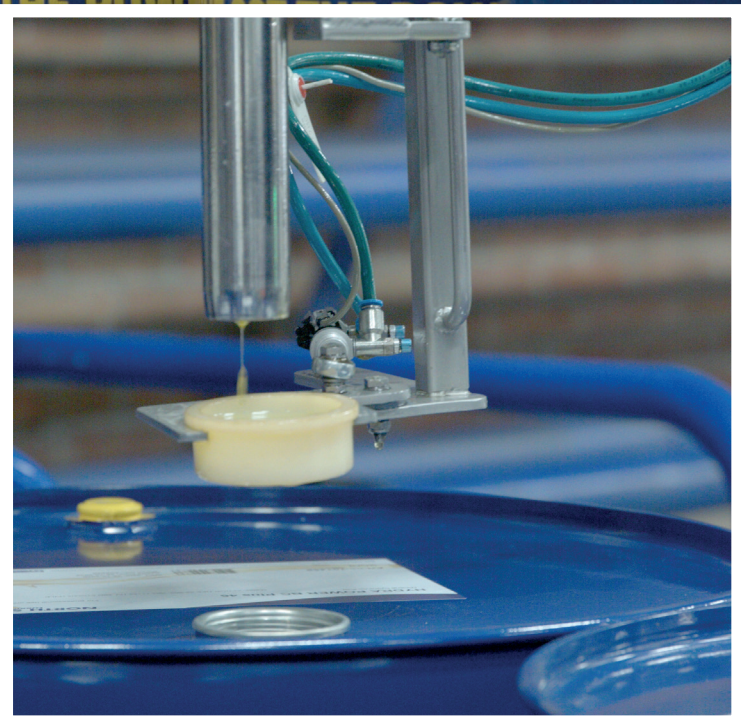


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WAVE POWER RACING 10W-60

Product code **72010**

WAVE POWER RACING 10W-60 is a high performance fully synthetic motor oil of exceptional quality, delivering extreme performance in gasoline-, diesel- and LPG fuelled engines in passenger cars with or without turbocharger, working under severe temperatures and load conditions.

- Excellent thermal and oxidation stability.
- Very good dispersant and detergent properties.
- Excellent cold temperature properties for a smooth cold start.
- Excellent protection against wear, corrosion and foam.
- Suited for extreme and severe conditions.

WAVE POWER RACING 10W-60 is based on high quality 100% synthetic Poly Alpha Olefine (PAO) in combination with an unique additive package to ensure the following properties:

Exceeds: API SN/CF, ACEA A3/B4



WAVE POWER RACING 5W-50

Product code **72020**

WAVE POWER RACING 5W-50 is a high performance motor oil based on synthetic technology and Poly Alpha Olefine (PAO) base stocks with exceptional quality, delivering extreme performance in gasoline-, diesel- and LPG fuelled engines in passenger cars with or without turbocharger, working under severe temperature and load conditions.

- Excellent thermal and oxidation stability.
- Very good dispersant and detergent properties.
- Excellent cold temperature properties for a smooth cold start.
- Excellent protection against wear, corrosion and foam.
- Suited for extreme and severe conditions.

WAVE POWER RACING 5W-50 is based on high quality synthetic base stocks in combination with an unique additive package to ensure the following properties:

Exceeds: API SN/CF, ACEA A3/B4



WAVE POWER EXCELLENCE 0W-40

Product code **72030**

WAVE POWER EXCELLENCE 0W-40 is a high performance fuel saving fully synthetic engine oil to be used in gasoline- and diesel engines of the latest generation passenger cars and light vans with or without turbo compressors.

- Excellent thermal and oxidation stability.
- Fuel saving properties.
- Excellent protection against wear, foam and corrosion.
- High Viscosity Index in a wide range of ambient conditions.
- Low temperature properties, to ensure a smooth cold start.

WAVE POWER EXCELLENCE 0W-40 is based on high quality synthetic base stocks, Poly Alpha Olefine (PAO), in combination with an unique additive package to ensure the following properties:

Approved: MB 229.5 (pending)
Exceeds: ACEA A3/B4, API SN, VW 502.00/505.00, Porsche A40, MB 229.5, Renault RN700/0710, Ford M2C937-A



WAVE POWER ADVANTAGE 5W-40

Product code **72040**

WAVE POWER ADVANTAGE 5W-40 is an universal high performance fuel saving oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.

WAVE POWER ADVANTAGE 5W-40 is based on high quality synthetic base stocks in combination with an unique additive package to ensure the following properties:

Approved: MB-Approval 229.3, VW 502.00/505.00
Meets: API SN/CF, ACEA A3/B4, Renault RN 0700/0710, GM-LL-A-025, GM-LL-B-025, Porsche A40, PSA B71 2296
Suitable: < 2019 BMW LL-01 applications



WAVE POWER SPECIAL LLV 0W-20

Product code **72050**

WAVE POWER SPECIAL LLV 0W-20 is a fully synthetic fuel saving long life oil based for use in gasoline- and diesel engines of passenger cars and light vans where a VAG norm 508.00/509.00 has been prescribed.

Remark: This product is not backwards compatible with older vehicles that require the VW 504 00/507 00 specification.

- Exceptional good low temperature properties.
- Excellent protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.
- Extended oil drain interval.
- Improved fuel economy.

WAVE POWER SPECIAL LLV 0W-20 is formulated with high quality 100% Poly Alpha Olefine (PAO) base stocks in combination with an unique additive technology to achieve the following performance:

Approved: VW 508.00/509.00
Meets: Porsche C20, ACEA C5





WAVE POWER ADVANTAGE 10W-40

Product code **72060**



WAVE POWER ADVANTAGE 10W-40 is an universal high performance fuel saving semi synthetic oil for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

WAVE POWER ADVANTAGE 10W-40 is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.

Approved: MB-Approval 229.1

Meets: API SL/CF, ACEA A3/B3, VW 501.01/505.00

Suitable: < 2019 BMW LL-01 applications

WAVE POWER ADVANTAGE 15W-40

Product code **72080**



WAVE POWER ADVANTAGE 15W-40 is a high performance mineral engine oil suitable for gasoline-, LPG-, and diesel engines in modern passenger cars and light vans with or without turbochargers.

WAVE POWER ADVANTAGE 15W-40 is based on high performance virgin mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- Stay-in-grade.
- Good protection against wear, foam & corrosion.
- Low temperature properties, to ensure a smooth cold start.

Exceeds: API: SL/CF, ACEA A3/B3, VW 505.00, MB 229.1

WAVE POWER PERFORMANCE 10W-40

Product code **72090**



WAVE POWER PERFORMANCE 10W-40 is an universal high performance semi synthetic oil for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

WAVE POWER PERFORMANCE 10W-40 is formulated with high quality re-refined base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- High thermal and oxidation stability.
- Good resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.

Exceeds: API SL/CF

WAVE POWER ADVANTAGE 20W-50

Product code **72100**



WAVE POWER ADVANTAGE 20W-50 is a high performance mineral engine oil suitable for gasoline-, LPG-, and diesel engines in modern passenger cars and light vans with or without turbochargers.

WAVE POWER ADVANTAGE 20W-50 is based on high performance virgin mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- Stay-in-grade.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.

Exceeds: API SL/CF, ACEA A3/B3, VW 505.00, MB 229.1

WAVE POWER PERFORMANCE 15W-40

Product code **72120**



WAVE POWER PERFORMANCE 15W-40 is a multi-functional mineral engine oil for older gasoline-, diesel- and LPG engines of passenger cars and light vans with or without turbo compressor.

WAVE POWER PERFORMANCE 15W-40 is formulated on high performance virgin base stocks in combination with a selected additive package to reach the following properties:

- Stable Viscosity Index.
- Good protection against rust, corrosion and wear.
- Good dispersancy and detergency properties.
- Good antifoam properties.

Exceeds: API SF/CD



WAVE POWER PERFORMANCE 20W-50

Product code **72140**

WAVE POWER PERFORMANCE 20W-50 is a multi-functional mineral engine oil for older gasoline-, diesel- and LPG engines of passenger cars and light vans with or without turbo compressor.

WAVE POWER PERFORMANCE 20W-50 is formulated on high performance virgin base stocks in combination with a selected additive package to reach the following properties:

- Stable Viscosity Index.
- Good protection against rust, corrosion and wear.
- Good dispersancy and detergency properties.
- Good antifoam properties.

Exceeds: API SF/CD



WAVE POWER SPECIAL ECO 0W-16

Product code **72150**

WAVE POWER SPECIAL ECO 0W-16 is a high-performance fuel conserving engine oil based on 100% synthetic technology for all gasoline engines in passenger cars and light vans specially designed for lubrication of the latest generation engines like hybrid and ECO models which require a SAE 0W-16 and run on gasoline and/or ethanol-containing fuels up to E85.

WAVE POWER SPECIAL ECO 0W-16 is based on synthetic base oil in combination with a special additive package to obtain the following properties:

- Excellent thermal and oxidation stability.
- Excellent cold temperature properties for a smooth cold start.
- Very good dispersant and detergent properties.
- Fuel saving properties due to low friction properties
- Very good antifoam, anti-wear and anti-corrosion properties.
- Long oil change interval possible.

Exceeds: API SN, API SN + RC, API SP, ILSAC GF-6B



WAVE POWER EXCELLENCE 0W-30

Product code **72190**

WAVE POWER EXCELLENCE 0W-30 is a high performance fully synthetic motor oil for gasoline- and diesel engines of modern passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

WAVE POWER EXCELLENCE 0W-30 is based on high quality synthetic and Poly Alpha Olefine (PAO) base stocks in combination with an unique additive package to ensure the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersant and detergent properties.
- Excellent cold temperature properties for a smooth cold start.
- Excellent protection against wear, corrosion and foam.
- Suited for extreme and severe conditions.

Exceeds: API SL, ACEA A3/B4, VW 502.00/505.00, MB 229.5, Volvo VCC 952000356, Renault RN 0700/0710



WAVE POWER SPECIAL LLV 5W-30

Product code **72240**

WAVE POWER SPECIAL LLV 5W-30 is a high performance fuel saving MID SAPS long life oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans where a VAG norm 504.00/507.00 has been pre-scribed and also suitable for vehicles where MB 229.51 and BMW LL-04 are required. Also suitable for use for vehicles where originally VW 506.01 is required.

WAVE POWER SPECIAL LLV 5W-30 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Very good low temperature properties & protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- Extended oil drain interval.
- Also suitable for engines equipped with other catalyst like TWC.

Approved: VW 504.00/507.00, MB-approval 229.51, BMW LL-04

Exceeds: ACEA C3, API SN, Porsche C30



WAVE POWER EXCELLENCE LE 5W-30

Product code **72250**

WAVE POWER EXCELLENCE LE 5W-30 is a high performance fuel saving MID SAPS engine oil based on 100% synthetic technology for use in the latest generation gasoline and diesel engines of passenger cars and light vans with or without turbocharger. WAVE POWER EXCELLENCE LE 5W-30 is developed for use in engines which are equipped with or without an exhaust gas after treatment system.

WAVE POWER EXCELLENCE LE 5W-30 is based on high performance 100% synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.
- Fuel saving properties.

Approved: MB-Approval 229.51, MB-Approval 229.52, BMW LL-04

Meets: API SN/CF, ACEA C2/C3, Dexos 2, Renault RN 0700/0710, VW 502.00/505.00, MB 229.31





WAVE POWER EXCELLENCE LE 5W-40

Product code **72260**



WAVE POWER EXCELLENCE LE 5W-40 is a high performance fuel saving MID SAPS engine oil based on 100% synthetic technology for use in the latest generation gasoline and diesel engines of passenger cars and light vans with or without turbocharger. WAVE POWER EXCELLENCE LE 5W-40 is developed for use in engines which are equipped with or without an exhaust gas after treatment system.

WAVE POWER EXCELLENCE LE 5W-40 is based on high performance 100% synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.
- Fuel saving properties.

Approved: MB-Approval 229.51

Exceeds: API SN/CF, ACEA C3, VW 505.01, VW 502.00/505.00, Dexos 2, Porsche A40, Renault RN 0700/0710, Ford M2C917A, MB 226.5, MB 229.31, BMW LL-04

WAVE POWER SPECIAL FEC 5W-30

Product code **72270**



WAVE POWER SPECIAL FEC 5W-30 is a high performance fuel saving oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger and designed for the last generation Ford vehicles and other vehicles where an ACEA A5/B5 is required. This product is not to be used in diesel engines equipped with a Diesel Particle Filter (DPF) with the exception of Ford engines.

WAVE POWER SPECIAL FEC 5W-30 is based on high performance 100% synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.
- Fuel saving properties.

Exceeds: API: SL, ACEA A5/B5, ACEA A1/B1, Renault RN 0700, Ford WSS M2C913C, Ford WSS M2C913D

WAVE POWER SPECIAL ASP 5W-30

Product code **72280**



WAVE POWER SPECIAL ASP 5W-30 is a high-performance fuel saving MID SAPS engine oil based on 100% synthetic technology to be used in gasoline- and diesel engines, with and without particle filter, of pre-2019 generation passenger cars and light vans where a PSA B71 2290 specification is required and suitable for all engines which require an ACEA A5/B5, C2 performance specification.

WAVE POWER SPECIAL ASP 5W-30 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Fuel saving properties.
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Long oil drain interval possible.

Meets: API SN, ACEA C2-16, Renault RN 0700

Suitable: < 2019 PSA B71 2290 applications

WAVE POWER SPECIAL GMD 5W-30

Product code **72290**



WAVE POWER SPECIAL GMD 5W-30 is an advanced synthetic energy conserving motor oil specially developed for the most modern high output gasoline and turbocharged engines in passenger cars, sport utility vehicles and light-duty trucks, operating on ethanol-containing fuels up to E85. It is formulated to help improve & retain fuel economy and protect vehicle emission system & turbocharger components while meeting the latest GM Dexos1™ demands.

WAVE POWER SPECIAL GMD 5W-30 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Improved protection against stochastic pre-ignition.

- Improving sludge protection, piston cleanliness, turbo-charger protection, seal compatibility, wear protection.
- Special friction modifiers used in this Energy conserving oil help improving & retaining fuel economy.
- Offers excellent lubrication at low temperatures and protect engine at high temperatures.
- Superior volatility characteristics reduce oil consumption and hydro-carbon pollution (VOCs).
- Advanced additive chemistry helps in emission system durability.
- Compatible with ethanol-containing fuels up to E85.

Exceeds: Dexos1™ Gen 2, ILSAC GF-6, API SN, API SN + RC, API SP, GM 6094M, GM 4718M, Chrysler MS 6395

WAVE POWER PERFORMANCE LL 5W-30

Product code **72300**



WAVE POWER PERFORMANCE LL 5W-30 is a high performance fuel saving MID SAPS long life oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans of 5 years and older where a VAG norm 504.00/507.00 has been pre-scribed and also suitable for vehicles where MB 229.51 and BMW LL-04 are required.

Remark: not suitable for R5- and V10 TDI engines and engines where VAG norm VW 506.01 is advised.

WAVE POWER PERFORMANCE LL 5W-30 is based on high performance & synthetic technology base oil in combination with a specially selected additive technology to ensure the following properties:

- Very good low temperature properties & protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- Extended oil drain interval.
- Also suitable for engines equipped with other catalyst like TWC.

Exceeds: VW 504.00/507.00, ACEA C3, BMW LL-04, MB 229.51, API SN



WAVE POWER SPECIAL RNE 5W-30

Product code **72310**

WAVE POWER SPECIAL RNE 5W-30 is a high performance fuel saving LOW SAPS oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans specially designed for the latest generation Renault and Nissan diesel engines equipped with a Diesel Particle Filter (DPF) and all other engines where an ACEA C4 product is required.

WAVE POWER SPECIAL RNE 5W-30 is formulated with high quality synthetic base stocks in combination with an unique additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.
- Extended oil drain interval.

Exceeds: ACEA C4-16, Renault RN 0720, MB 226.51



WAVE POWER SPECIAL GMD 5W-20

Product code **72320**

WAVE POWER SPECIAL GMD 5W-20 is a high performance fuel conserving engine oil based on 100% synthetic technology for all gasoline engines in passenger cars and light vans specially designed for lubrication of the latest generation engines like hybrid and ECO models which require a SAE 5W-20 and run on gasoline and/or ethanol-containing fuels up to E85.

WAVE POWER SPECIAL GMD 5W-20 is based on synthetic base oil in combination with a special additive package to obtain the following properties:

- Excellent thermal and oxidation stability.
- Excellent cold temperature properties for a smooth cold start.
- Very good dispersant and detergent properties.
- Fuel saving properties due to low friction properties.
- Very good antifoam, antiwear and anti-corrosion properties.
- Long oil change interval possible.

Exceeds: API: SN/SN-RC, ILSAC GF-5, GM Dexos 1:2015 (Dexos Gen2), GM 4718M



WAVE POWER ADVANTAGE 15W-50

Product code **72340**

WAVE POWER ADVANTAGE 15W-50 is a high performance semi synthetic engine oil for gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. Not suited for engines equipped with an exhaust gas after treatment system used in modern diesel engines like Diesel Particle Filter (DPF).

WAVE POWER ADVANTAGE 15W-50 is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Stable viscosity index.
- Good protection against rust, corrosion and wear.
- Good dispersancy and detergency properties.
- Good antifoam properties.
- Good thermal- and oxidation stability.

Exceeds: API SL/CF, ACEA A3/B3



WAVE POWER SPECIAL GMD 0W-20

Product code **72350**

WAVE POWER SPECIAL GMD 0W-20 is a high performance fuel conserving engine oil based on 100% synthetic technology for all gasoline engines in passenger cars and light vans specially designed for lubrication of the latest generation engines like hybrid and ECO models which run on gasoline and/or ethanol-containing fuels up to E85.

WAVE POWER SPECIAL GMD 0W-20 is based on synthetic base oil in combination with a special additive package to obtain the following properties:

- Excellent thermal and oxidation stability.
- Excellent cold temperature properties for a smooth cold start.
- Very good dispersant and detergent properties.
- Fuel saving properties due to low friction properties.
- Very good antifoam, antiwear and anti-corrosion properties.
- Long oil change interval possible.

Exceeds: API: SN/SN-RC, ILSAC GF-5, GM Dexos 1:2015 (Dexos Gen2), GM 4718M



WAVE POWER SPECIAL FEB 5W-20

Product code **72360**

WAVE POWER SPECIAL FEB 5W-20 is a high-quality fuel saving engine oil based on 100% synthetic technology specially designed for the latest Ford Ecoboost gasoline engines. WAVE POWER FEB 5W-20 is also suited for engines where API: SN, ACEA C5 or former ACEA A1/B1 is recommended.

WAVE POWER SPECIAL FEB 5W-20 is based on high performance synthetic oil in combination with a specially selected additive technology to ensure the following properties.

- Excellent thermo- and oxidation stability.
- Very high detergency and dispersion.
- Very good low temperature properties.
- Protection to wear by cold start.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High and stable viscosity index.
- Low Fuel Consumption.

Exceeds: API SN, ACEA C5, Ford WSS M2C-948B, STJLR.03.5004





WAVE POWER EXCELLENCE 10W-30

Product code **72370**



WAVE POWER EXCELLENCE 10W-30 is a high quality semi synthetic engine oil suitable for gasoline-, LPG-, and diesel engines in modern passenger cars and light vans with or without turbochargers. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

WAVE POWER EXCELLENCE 10W-30 is based on high performance mineral and synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- Stay-in-grade.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.

Exceeds: API SN/CF, ACEA A3/B4, MB 229.3, VW 502.00/505.00, Renault RN 0700/0710

WAVE POWER EXCELLENCE 10W-40

Product code **72380**



WAVE POWER EXCELLENCE 10W-40 is a high quality synthetic engine oil suitable for gasoline-, LPG-, and diesel engines in modern passenger cars and light vans with or without turbochargers. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

WAVE POWER EXCELLENCE 10W-40 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- Stay-in-grade.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.

Approved: MB-Approval 229.3
Meets: API SN, ACEA A3/B4-16, VW 501.01/505.00, MB 226.5, Renault RN 0700/0710

WAVE POWER EXCELLENCE 15W-40

Product code **72390**



WAVE POWER EXCELLENCE 15W-40 is a high quality mineral engine oil suitable for gasoline-, LPG-, and diesel engines in modern passenger cars and light vans with or without turbochargers. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

WAVE POWER EXCELLENCE 15W-40 is based on high performance mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- Stay-in-grade.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.

Exceeds: API: SN/CF, ACEA A3/B4, MB 229.1, VW 501.01/505.00, PSA B71 2295

WAVE POWER EXCELLENCE 20W-50

Product code **72400**



WAVE POWER EXCELLENCE 20W-50 is an universal high performance mineral oil for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

WAVE POWER EXCELLENCE 20W-50 is based on high performance mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Good low temperature properties.
- Protection to wear by cold start.
- High thermal- and oxidation stability.
- Good resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.

Exceeds: API SN/CF, ACEA A3/B4, MB 229.1, VW 501.01/505.00

WAVE POWER PERFORMANCE HM 10W-40

Product code **72410**



WAVE POWER PERFORMANCE HM 10W-40 is an universal performance semi synthetic oil for use in older (1995-2010) gasoline- and diesel engines of passenger cars and light vans with or without turbocharger specially formulated to help demands of "High-Mileage" engines which have been running for more than 100.000 km. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF) and not intended for vehicles predating 1990 that need increased zinc/phosphorus (ZDDP) oils.

WAVE POWER PERFORMANCE HM 10W-40 is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Maximize the life of the engine.
- Special formulated additive helps to slow down the ageing process.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level + High Viscosity Index.

Exceeds: API SL/CF, ACEA A3/B4-08



WAVE POWER SPECIAL FEA 0W-30

Product code **72430**

WAVE POWER SPECIAL FEA 0W-30 is a high performance fuel saving engine oil based on synthetic technology to be used in gasoline- and diesel engines of the latest generation passenger cars and light vans and suitable for all engines which require an ACEA C2 performance specification.

WAVE POWER SPECIAL FEA 0W-30 is based on high performance synthetic technology base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Fuel saving properties.
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Long oil drain interval possible.
- Very high viscosity index.

Meets: ACEA C2, Ford M2C950A, STJLR.03.5007

Suitable: PSA B71 2312 applications



WAVE POWER EXCELLENCE 5W-40

Product code **72470**

WAVE POWER EXCELLENCE 5W-40 is a modern 100% synthetic engine oil for use in high output, turbocharged, supercharged multi valve fuel injected engines in passenger cars, SUVs and light vans.

WAVE POWER EXCELLENCE 5W-40 is formulated with high quality synthetic base stocks in combination with an unique additive technology to achieve the following performance:

- Long drain intervals.
- High protection against deposits and "sludge" formation.
- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High Viscosity Index.

Approved: MB-Approval 229.5, VW 502.00/505.00

Exceeds: API: SN/CF, ACEA A3/B4, Porsche, Renault RN 0710, GM-LL-B-025, BMW LL-01, PSA B71 2296



WAVE POWER CLASSIC 20W-50

Product code **74900**

WAVE POWER CLASSIC 20W-50 is a 100% high quality mineral multi-grade oil for gasoline and diesel engines especially formulated with supplementary ZDDP additives and suited for use in classic cars.

WAVE POWER CLASSIC 20W-50 is based on high quality virgin mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Very good lubrication of engine parts.
- Excellent protection against wear.
- High protection against corrosion.
- Good protection against wear, foam and corrosion.
- No danger of encrusted dirt becoming unstuck.
- Compatible with classic seals and rubbers.

Exceeds: API SF/CD



WAVE POWER SPECIAL VLV 0W-20

Product code **74980**

WAVE POWER SPECIAL VLV 0W-20 is a fuel saving oil based on 100% synthetic technology specially designed for use in Volvo passenger cars with or without turbocharger where Volvo VCC RBS0-2AE is required.

WAVE POWER SPECIAL VLV 0W-20 can also be used in applications where a API SN, ACEA C5 or the former ACEA A1/B1 is required.

WAVE POWER SPECIAL VLV 0W-20 is formulated with high quality synthetic base stocks in combination with an unique additive technology to achieve the following performance:

- Protection to wear by cold start.
- Very good low temperature properties.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.
- Added fuel economy.

Approved: Volvo VCC RBS0-2AE



WAVE POWER EXCELLENCE 5W-30

Product code **75100**

WAVE POWER EXCELLENCE 5W-30 is an universal high performance fuel saving oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger car and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

WAVE POWER EXCELLENCE 5W-30 is formulated with high quality synthetic base stocks in combination with an unique additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index.

Exceeds: API SL/CF, ACEA A3/B4, MB 226.5, MB 229.5, MB 229.3, Renault 0700/0710, VW 502.00/505.00, GM-LL-A025, GM-LL-B025





AUTOGEAR POWER GL 140

Product code **73010**



AUTOGEAR POWER GL 140 is an oil for lubricating older gearboxes and rear axles which not require EP properties.

AUTOGEAR POWER GL 140 is based on high-quality virgin mineral base stocks.

- Good resistance against oxidation.
- Good resistance against formation of foam and sludge.
- Use where an uninhibited lubricant is prescribed.

Exceeds: API: GL-1

AUTOGEAR POWER EP 80W-90

Product code **73020**



AUTOGEAR POWER EP 80W-90 is a high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-4 quality oils are specified.

AUTOGEAR POWER EP 80W-90 is based on high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-4, MIL-L-2105

AUTOGEAR POWER EP 85W-140

Product code **73040**



AUTOGEAR POWER EP 85W-140 is a high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-4 quality oils are specified.

AUTOGEAR POWER EP 85W-140 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-4, MIL-L-2105

AUTOGEAR POWER MP 75W-90

Product code **73050**



AUTOGEAR POWER MP 75W-90 is a high performance multi purpose gear lubricant designed to provide excellent lubrication in a wide range of automotive transmissions, axles and final drives.

AUTOGEAR POWER MP 75W-90 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-5, MIL-L-2105D, MAN 342 M1, MB 235.0, Volvo 97310, ZF TE-ML 07A, 16B, 17B, 21A

AUTOGEAR POWER MP 80W-90

Product code **73060**



AUTOGEAR POWER MP 80W-90 is a high performance multi purpose gear lubricant designed to provide excellent lubrication in a wide range of automotive transmissions, axles and final drives.

AUTOGEAR POWER MP 80W-90 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-5, MIL-L-2105D, MAN 342 M1/M2, MB 235.0, Volvo 1273.10, ZF TE-ML 05A, 07A, 16B/C/D, 17B, 19B, 21A



AUTOGEAR POWER MP 85W-90

Product code **73070**

AUTOGEAR POWER MP 85W-90 is a high performance gear lubricant for use in heavy duty manual transmissions and axle drives of commercial vehicles and passenger cars.

AUTOGEAR POWER MP 85W-90 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and antiwear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API: GL-5, MB 235.0, MIL-L-2105D, MAN 342 M1, Volvo 97310, Volvo 97316, Voith 3.325-339, ZF TE-ML 07A, 08, 16B/C/D, 17B, 19B, 21A



AUTOGEAR POWER MP 85W-140

Product code **73080**

AUTOGEAR POWER MP 85W-140 is a high performance gear lubricant for use in heavy duty manual transmissions and axle drives of commercial vehicles and passenger cars.

AUTOGEAR POWER MP 85W-140 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-5, MB 235.0, MIL-L-2105D, MAN 342 M1, Volvo 97310, Volvo 97316, Voith 3.325-339, ZF TE-ML 07A, 08, 16B/C/D, 17B, 19B, 21A



AUTOGEAR POWER MP 80W-140

Product code **73090**

AUTOGEAR POWER MP 80W-140 is a high performance gear lubricant for use in heavy duty manual transmissions and axle drives of commercial vehicles and passenger cars.

AUTOGEAR POWER MP 80W-140 is based on a high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- Good extreme pressure and anti-wear properties.
- High thermal- and oxidation stability.
- Effective rust, wear and corrosion protection.
- Better low temperature provides easy start-up at low ambient temperatures.
- Good anti-foam properties ensure film strength for effective lubrication.
- Excellent seal compatibility.

Exceeds: API GL-5, MB 235.0, MIL-L-2105D, MAN 342 M1, Volvo 97310, Volvo 97316, Voith 3.325-339, ZF TE-ML 07A, 08, 16B/C/D, 17B, 19B, 21A



AUTOGEAR POWER SYN 75W-90

Product code **73100**

AUTOGEAR POWER SYN 75W-90 is a high-quality fuel conserving fully synthetic total driveline gear lubricant designed to meet the demanding requirements of light duty and heavy duty commercial vehicles and off-highway equipment operating in most severe operating conditions. Unique additive technology allows the use of a single lubricant in rear axles, synchronized and non-synchronized manual transmissions.

AUTOGEAR POWER SYN 75W-90 is based on high quality synthetic base oil in combination with a special additive package to ensure the following properties:

- Exceptional thermo-oxidative stability.
- Exceptional load bearing characteristics.
- Effective rust and corrosion protection.
- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Exceptional shear stable.
- Superior frictional properties provide improved fuel economy and smoother shiftability.

Exceeds: API GL-4/5, MT-1, MAN 342 M3, MIL-PRF-2105E, Bosch TE-ML 08, ZF TE-ML 02B/05A/07A/12L/12N/16B/17B/19B/21A, MAN M341 Z2, SAE J2360, MACK GO-J, MAN 341 E3, Volvo 97312, Arvin Meritor 0-76-N, Scania STO 1:0, DAF, IVECO



AUTOGEAR POWER LS 80W-90

Product code **73120**

AUTOGEAR POWER LS 80W-90 is an extra high performance extreme pressure type automotive gear lubricant specially developed for use in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks with limited slip differentials.

AUTOGEAR POWER LS 80W-90 is based on a high quality mineral virgin base oil in combination with a special additive package to ensure the following properties:

- Effective rust and corrosion protection.
- Excellent limited slip performance to reduce chatter and improves traction.
- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Exceptional shear stable.
- Good frictional properties provide improved fuel economy and smoother shift ability.

Exceeds: API GL-5, MAN 342 M1/M2, Volvo 1273.10, MIL-L-2105D, Arvin Meritor, ZF TE-ML 05C, 07A, 08, 12E, 16E, 17B, 19B, 21C



- Exceptional thermo-oxidative stability.
- Exceptional load bearing characteristics.



GEAR POWER TO-4 30

Product code **73140**



GEAR POWER TO-4 30 is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications.

GEAR POWER TO-4 30 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

Exceeds: Caterpillar TO-4, Komatsu KES 07.868.1, Allison C-4, API CF-2/CF, ZF TE-ML 03C, Komatsu Dresser, DANA Powershift transmissions, ZF TE-ML 07F

GEAR POWER TO-4 50

Product code **73150**



GEAR POWER TO-4 50 is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications.

GEAR POWER TO-4 50 is formulated with a high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

Exceeds: Caterpillar TO-4, Komatsu KES 07.868.1, Tremac/ TTC, API CF-2/CF

GEAR POWER TO-4 10W

Product code **73160**



GEAR POWER TO-4 10W is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications.

GEAR POWER TO-4 10W is formulated with a high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

Exceeds: Caterpillar TO-4, Komatsu KES 07.868.1, Allison C-4, API CF-2/CF, ZF TE-ML 03C, Komatsu Dresser, DANA Powershift transmissions, Vickers 35VQ25

AUTOGEAR POWER TX 75W-80

Product code **73330**



AUTOGEAR POWER TX 75W-80 is a high-quality fuel saving synthetic thermally stable long life gear lubricant designed for passenger- and commercial vehicles using manual transmissions fitted with different synchronizers including latest ones based on carbon.

AUTOGEAR POWER TX 75W-80 is based on high quality synthetic base oil in combination with a special additive package to ensure the following properties:

- Exceptional thermo-oxidative stability.
- Superior lubricating properties provide improved fuel economy.
- Exceptional load bearing characteristics.

- Effective rust and corrosion protection.
- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Good gear engagement with a variety of synchronizer materials including latest carbon.
- Good frictional properties provide improved fuel economy and smoother shift ability.

Exceeds: API GL-4, Volvo 97307, DAF, MAN 341 Z4, Renault B0032/2, Eaton Europe, Iveco, ZF TE-ML 01L,02L,08,13,16K,24A

AUTOGEAR POWER SYN 75W-85

Product code **73340**



AUTOGEAR POWER SYN 75W-85 is an universal high performance fuel saving gear lubricant, based on synthetic technology for use in manual shifted transmission of the modern passenger cars and light vans where an API GL-5, SAE 75W-85 is recommended.

AUTOGEAR POWER SYN 75W-85 is based on special selected high performance synthetic base oil in combination with a special selected EP-additive package to reach to following properties:

- Excellent EP-properties.
- Excellent thermal- and oxidation stability.
- Good shifting even at low temperatures.
- Low pour point.
- Fuel saving properties.
- Excellent protection against the forming of foam, corrosion and wear.

Exceeds: API: GL-5, MB 235.7, ZF TE-ML 18,VW G 052 190, VW G 055 190, Alfa-Romeo, BMW, Fiat, Lancia



AUTOGEAR POWER MTF 75W-80

Product code **73380**

AUTOGEAR POWER MTF 75W-80 is a high quality manual transmission fluid designed for passenger- and light commercial vehicles using both manual transmissions and transaxles. Not suitable for differentials and other API: GL-5 applications

AUTOGEAR POWER MTF 75W-80 is based on high quality synthetic technology base oil in combination with a special additive package to ensure the following properties:

- Exceptional thermo-oxidative stability.
- Superior lubricating properties provide improved fuel economy.
- Exceptional load bearing characteristics.
- Effective rust and corrosion protection.

- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Good gear engagement with a variety of synchronizer materials including brass, carbon, sintered bronze and molybdenum.

Exceeds: API: GL-4, BMW MTF LT-2, BMW MTF LT-3, BMW MTF LT-4, Ford WSD-M2C200-C, GM 1940182, GM 1940764, GM 1940768, GM 1940004, GM 19259104, Ford WSS-M2C200-D2, MB 235.10, PSA B71 2330, MTF 94, Honda MTF, Honda MTF-II/III, Nissan MT-XZ, Nissan MT-XZ TL, Volvo 97308, Volvo 97309, VW G 009 317, VW G 052 171, VW G 052 178, VW G 052 512, VW G 052 527, VW G 052 726, VW G 060 726, VW G 070 726, VW G50, Renault (NFJ/NFP/TRJ/TRT/TRZ)



AUTOGEAR POWER SYN LS 75W-140

Product code **73480**

AUTOGEAR POWER SYN LS 75W-140 is a synthetic extra high performance multi-functional gear lubricant designed to provide effective lubrication in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks and "off highway" equipment equipped with both conventional and limited slip differentials. The special friction modifier used in this oil helps in reducing chatter and improving traction besides retaining the frictional properties for longer service life.

AUTOGEAR POWER SYN LS 75W-140 is formulated with high quality synthetic base oils in combination with a special additive package to reach the following properties:

- Unique additive technology allows the use of a single lubricant in rear axles, synchronised and non-synchronised manual transmissions and therefore helps in rationalisation of products.
- Exceptional thermo-oxidative stability and load bearing characteristics help in extending the life of the driveline components and the oil.
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchroniser life and improves shifting performance.
- Outstanding low temperature fluidity reduces wear at start up and provides smoother shifting at low ambient temperatures.

- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions.
- Superior frictional properties provide improved fuel economy and smoother shift ability.
- Excellent limited slip performance reduces chatter and improves traction.

Exceeds: API: GL-5 (LS), MIL-PRF-2105-E, SAE J2360 MACK GO-J, Scania STO 1:0, ZF TE-ML 05D/21D, Ford M2C192-A



AUTOGEAR POWER SYN LS 75W-90

Product code **74410**

AUTOGEAR POWER SYN LS 75W-90 is a synthetic extra high performance multi-functional gear lubricant designed to provide effective lubrication in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks and "off highway" equipment equipped with both conventional and limited slip differentials. The special friction modifier used in this oil helps in reducing chatter and improving traction besides retaining the frictional properties for longer service life.

AUTOGEAR POWER SYN LS 75W-90 is formulated with high quality synthetic base oils in combination with a special additive package to reach the following properties:

- Unique additive technology allows the use of a single lubricant in rear axles, synchronised and non-synchronised manual transmissions and therefore helps in rationalisation of products.
- Exceptional thermo-oxidative stability and load bearing characteristics which helps in extending the life of the driveline components and the oil.

- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchroniser life and improves shifting performance.
- Outstanding low temperature fluidity reduces wear at start up and provides smoother shifting at low ambient temperatures
- Exceptional shear stability which helps in retaining viscosity and film strength to protect against wear, even under severe operating conditions.
- Superior frictional properties provide improved fuel economy and smoother shift ability.
- Excellent limited slip performance reduces chatter and improves traction.

Exceeds: API GL-5 (LS), MIL-PRF-2105-E, SAE J2360, MACK GO-J, Scania STO 1:0, ZF TE-ML 05D/21D, Ford M2C192-A





AUTOGEAR POWER MTF 75W-90

Product code **73382**



AUTOGEAR POWER MTF 75W-90 is a high quality manual transmission fluid designed for passenger- and light commercial vehicles using both manual transmissions and transaxles. Not suitable for differentials and other API GL-5 applications.

AUTOGEAR POWER MTF 75W-90 is based on high quality synthetic technology base oil in combination with a special additive package to ensure the following properties:

- Exceptional thermo-oxidative stability.
- Superior lubricating properties provide improved fuel economy.
- Exceptional load bearing characteristics.
- Effective rust and corrosion protection.
- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Good gear engagement with a variety of synchronizer materials including brass, carbon, sintered bronze and molybdenum

Exceeds: API GL-4, BMW MTF LT-4, Ford WSD-M2C200-C, Ford WSS-M2C200-D2, GM 1940182, GM 1940764, GM 1940004, VW G050 (VW 501.150)



ATF POWER MBF

Product code **73180**

ATF POWER MBF is a high-quality fuel saving fully synthetic automatic transmission oil specially developed for the last generation MB (NAG-2) 7-speeds automatic transmissions. ATF POWER MBF is backwards compatible to automatic transmissions where a MB 236.12 specification is recommended.

ATF POWER MBF is based on special selected high performance synthetic base oil in combination with a special selected EP-additive package to reach to following properties:

- Excellent thermal- and oxidation stability.
- Excellent low temperature properties.
- Good shifting even at low temperatures.
- High viscosity index.
- Excellent shifting even after long use.
- Extended drain interval possible.
- Fuel saving properties.
- Excellent protection against the forming of foam, corrosion and wear.

Exceeds: MB 236.14, Ssang-Yong



ATF POWER DX II

Product code **73200**

ATF POWER DX II is a high quality universal fluid to be used in automatic transmission, torque convertors and power steering of passenger cars, light vans and commercial vehicles.

ATF POWER DX II is formulated on high quality re-refined mineral- and synthetic base oil in combination with an unique additive package to reach the following properties:

- Good thermo- and oxidation stability.
- Controlled frictional characteristics for a smooth shift in a variety of driving conditions.
- Improved anti-wear, antirust and anticorrosion technology.

- High Viscosity Index ensures adequate lubrication in both high operating & low starting temperatures.
- Better foam control leads to smooth & lasting shift feel and reduces fluid loss.
- Enhanced low temperature fluidity assist in good cold start performance.
- Compatibility with all common seal materials.

Exceeds: GM Dexron II-D, MAN 339 type V1, MAN 339 type Z1, MB 236.9, Voith H55.6335.xx, ZT TE-ML 03D/04D/14A/17C



ATF POWER ECOMAT

Product code **73210**

ATF POWER ECOMAT is a high performance fully synthetic fuel economy automatic transmission fluid specially designed for long drain 6-speeds transmission for city buses. ATF POWER ECOMAT is recommended to use for ZF Ecomat- and ZF Ecolife transmissions.

ATF POWER ECOMAT is formulated on high refined 100% synthetic base stock in combination with an unique additive package to reach the following properties.

- Lower service cost through increased oil change interval.

- High level of anti-wear protection.
- Extended thermal- and oxidation stability.
- Limited viscosity increase.
- Prevents acid formation and soft metal corrosion.
- Friction durability leading to good shift performance and drivability even at end of drain interval.
- Avoid sludge formation that could lead to sluggish transmission operation.

Exceeds: Voith H55.6335.xx, Voith 150.014524.xx, MB 236.9, Volvo 97341, ZF TE-ML 14C/20C, MAN 339 V1/Z3/Z12



ATF POWER DX III

Product code **73220**

ATF POWER DX III is a high quality universal fluid to be used in automatic transmission, torque convertors and power steering of passenger cars, light vans and commercial vehicles.

ATF POWER DX III is formulated on high refined solvent mineral and synthetic base stock in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Special friction modifiers.
- Very High Viscosity Index.
- Low pour point.
- Excellent shifting at very low and high temperatures.
- Excellent protection against the forming corrosion, foam and wear.

Exceeds: DEXRON III F/G/H, Allison C4, CAT TO-2, MAN 339 Z1/Z2, MAN 339 V1/V2, MB 236.10/236.9/236.7/236.5/236.1, Voith 55.6335, Volvo 97341, Mercon, ZF 02F/03D/04D, ZF 11A/11B/14B/16L





ATF POWER MV

Product code **73230**



ATF POWER MV is a high quality synthetic technology fluid specially designed with advanced multi-vehicle additive technology to serve a broad range of transmissions. ATF POWER MV exceeds the complex requirements of Automatic Transmission/ Vehicle Manufacturers of Europe, North America and Asia including the JASO 1-A performance standard created by Japanese Automobile Manufacturers Association.

Remark: Not suitable for use in Continuously Variable Transmissions (CVT), Dual Clutch Transmission (DCT), Daimler MB 7 speed (NAG 2), ZF 6 Speed.

ATF POWER MV is formulated with high quality synthetic technology base stocks in combination with a special additive technology to achieve the following performance:

- Excellent thermo- and oxidation stability.
- Improved anti-shudder properties, torque capacity, low temperature properties coupled with balanced frictional stability provides better shift feel and drivability.
- Excellent anti-corrosion, foam inhibition and seal protection.
- Extremely high Viscosity Index and shear stability ensures adequate lubrication over entire service life in both high operating & low starting temperatures.

Exceeds: Allison C4, TES 295, LT 71141, LA 23634, ETL -7045E, 8072B, Cat TO-2, Chrysler +3, +4, Ford Mercon, Ford Mercon V, Dexron IID, IIIG/H, Honda SP-III, Z1 Mitsubishi SP-III, KIA SP-III, Idemitsu K17, JWS 3309/3314/3317, JASO M315-2004, Texaco N402, MAN 3391 V1/Z2, Mazda ATF M-III, M5, MB 236.3, 5, 6, 9, MB 236.10, 11, Nissan Matic D,J,K, Subaru ATF, HP, Toyota T-III, T-IV, Voith H55.6335.xx, Volvo Std 1273.4, VW G 052 025, VW G 052 055, VW G 052 162, VW G 052 990, Volvo P/N 1161521, Volvo 1161540, Volvo 1161640, Volvo CE 1273,41, ZF TE ML 03D, 04D, 14A, 14B, 17C

ATF POWER DX VI

Product code **73240**



ATF POWER DX VI is a high quality universal fluid based on 100% synthetic base stocks to be used in automatic transmissions, torque converters and power-steering of passenger cars, light vans and commercial vehicles where a GM Dexron VI specification is required. ATF POWER DX VI is backwards compatible where Dexron II and Dexron III are required.

ATF POWER DX VI is formulated on high refined synthetic base stock in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Special friction modifiers.
- Very High Viscosity Index.
- Low pour point.
- Excellent shifting at very low and high temperatures.
- Excellent protection against the forming corrosion, foam and wear.

Exceeds: GM Dexron VI, Voith 55.6335.3X (G607)

ATF POWER CVT

Product code **73250**



ATF POWER CVT is an ultra-high performance CVT fluid formulated with selected synthetic technology base stocks and specially developed for use in the latest generation of Continuously Variable Transmission (CVT) – gearboxes which transfer traction via steel-made traction chain or push-belts.

ATF POWER CVT is formulated on highly refined synthetic technology base stocks in combination with an unique additive package to reach the following properties.

- Good thermo-and oxidation stability.
- Extended drain interval possible.
- Excellent anti-wear, antirust and anticorrosion technology.
- High Viscosity Index ensures adequate lubrication in both high operating & low starting temperatures.
- Better foam control leads to smooth & lasting shift feel and reduces fluid loss.
- Enhanced low temperature fluidity assist in good cold start performance.
- Compatibility with all common seal materials.

Exceeds: Toyota CVTF TC, Toyota CVTF FE, Nissan NS-1, Nissan NS-2, Nissan NS-3, Honda HMMF, Honda HCF2, Honda Z-1 (CVT only), Mitsubishi SP-III, Mitsubishi CVTF-J1, CVTS-EX1, CVTS-J1/J4/J4+, Hyundai/Kia SP-III, Hyundai/Kia CVTFJ1, Mazda JWS 3320, EZL 799/799A, Mini ZF CVT V1, MB 236.20, Subaru ECVT, Subaru iCVT, Suzuki CVTF FE, Suzuki CVTF Green1/2, Suzuki CVTF TC / 3320, Chrysler/ Jeep CVT+4, Chrysler/Jeep NS-2, Daihatsu AMMIX CVTF DFE, Daihatsu Fluid TC, Daihatsu Ammix CVT DC/DFC, GM DEX-CVT, Ford WSS-M2C928, VW G 052 180, VW G 052 516



ATF POWER MBS

Product code **73400**

ATF POWER MBS is a high-quality fuel saving fully synthetic automatic transmission oil specially developed for the last generation MB (NAG II+) 7-G Tronic Plus automatic transmissions.

ATF POWER MBS is based on special selected high performance synthetic base oil in combination with a special selected EP-additive package to reach to following properties:

- Excellent thermal- and oxidation stability.
- Excellent low temperature properties.
- Good shifting even at low temperatures.
- High Viscosity Index.
- Excellent shifting even after long use.
- Extended drain interval possible.
- Fuel saving properties.
- Excellent protection against the forming of foam, corrosion and wear.

Exceeds: MB 236.15



ATF POWER DSG

Product code **74160**

ATF POWER DSG is a high performance full synthetic long life fluid specially designed for use in the last generation DCT (Double Coupling Transmission) transmissions and are characterized for fast and sportive shifting.

ATF POWER DSG is based on fully synthetic base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Excellent lubrication, even under extreme conditions.

- Very high protection against wear, corrosion and foam
- High "shear stable".
- Very low pour point, can be used by very cold temperatures.
- High Viscosity Index.

Exceeds: VW TL 521 82, BMW EU 83 22 2 148 578, BMW EU 83 22 2 148 579, BMW MTF LT-5, Chrysler 68044345 EA / GA, VW G 052 182, VW G 052 529, Ford WSS-M2C936-A, Ford M2C200-D2 / XT-11-QDC, Mitsubishi TC-SST, Mitsubishi SSTF-1, FFL2 / FFL3 / FFL4, PSA 9734.S2, Volvo 1161838/1161839, Porsche #999.917.080.00, Ferrari TE DCT-3, BOT 341 / 450, DCT-1, Renault EDC, BMW DCTF-1



ATF POWER LG6

Product code **74170**

ATF POWER LG6 is a high performance full synthetic long life ATF specially designed for all 6-speeds automatic transmissions developed by ZF where a constructor requires a M.1375-4 specification.

ATF POWER LG6 is based on fully synthetic base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Excellent lubrication, even under extreme conditions.
- Very high protection against wear, corrosion and foam.
- High "shear stable".
- Very low Pour point, can be used by very cold temperatures.
- High Viscosity Index.

Exceeds: M 1375.4, VW G 055 005, Toyota Type WS, Nissan Matic S, Hyundai SP-IV, Mercon LV, Dexron VI, JWS 3324



ATF POWER LG6R

Product code **74930**

ATF POWER LG6R is a high performance full synthetic long life ATF specially designed for all 6-speeds automatic transmissions developed by ZF where a constructor requires a M.1375-4 specification.

ATF POWER LG6R is based on fully synthetic base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Excellent lubrication, even under extreme conditions.
- Very high protection against wear, corrosion and foam.
- High "shear stable".
- Very low pour point, can be used by very cold temperatures.
- High Viscosity Index.

Exceeds: M 1375.4, VW G 055 005, Toyota Type WS, Nissan Matic S, Hyundai SP-IV, Mercon LV, Dexron VI, JWS 3324



ATF POWER LG8

Product code **74970**

ATF POWER LG8 is a synthetic high quality heavy-duty oil intended exclusively for ZF 6-speed and 8-speed automatic car transmissions. Subjected to extreme testing, ATF POWER LG8 guarantees maximum performance of the automatic transmission. At the same time, the wear of heavily loaded components is minimized due to the specifically matched oils.

ATF POWER LG8 is based on high quality synthetic base oil in combination with a special additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Excellent lubrication, even under extreme conditions.
- Very high protection against wear, corrosion and foam.
- High "shear stable".
- Very low pour point, can be used by very cold temperatures.
- High Viscosity Index.

Exceeds: VW G 060 162, BMW 83 22 2 152 426, BMW 83 22 2 305 397, VW G 055 540, BMW 83 22 2 289 720, ATF SP-IV-RR

Suitable: M 1375.4, VW G 055 005, Toyota Type WS, Nissan Matic S, Hyundai SP-IV, Mercon LV, Dexron VI, JWS 3324





BRAKE FLUID DOT 4

Product code **73920**



BRAKE FLUID DOT 4 is a high performance poly glycol based brake fluid specially designed for use in disc, drum & Anti-locking Brake Systems (ABS) of any commercial vehicles, passenger cars and motorcycles operating under moderate to severe conditions and requiring a DOT 4 type of fluid.

BRAKE FLUID DOT 4 should never be used in place of or mixed with silicone based brake fluids (DOT 5) nor should be used where DOT 5.1 fluids are prescribed.

BRAKE FLUID DOT 4 is based on polyethylene glycol base fluid in combination with an unique additive package to ensure the following properties:

- Superior oxidative stability resists oxidation at high temperatures encountered in disk braking systems.
- Superior high temperature stability and low temperature fluidity ensure trouble free operation.
- Effective corrosion inhibitors provide long term corrosion protection to the metallic components of the brake systems.
- Provides lubricity and system protection.
- Compatible with all seals and metals used in conventional braking systems requiring polyethylene glycol brake fluids.

Exceeds: FMVSS 116 DOT 4, SAE J 1703, ISO 4925

LHM FLUID

Product code **73930**



LHM FLUID is a hydraulic oil which has been especially developed for application in brake systems, levelling and hydraulic controlled clutches in a number of Citroën, Bentley and Rolls-Royce cars. Also, suitable for certain industrial hydraulic systems, where anti-wear properties are required.

LHM FLUID should never be used in braking systems other than those prescribed above.

LHM FLUID is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- High resistance against rust and corrosion.
- Extreme fluidity at low temperature.
- Exceptional high and stable Viscosity Index.
- Very low pour point.
- Not hygroscopic.

Exceeds: PSA B71 2710, ISO 7308, LHM, LHM+



GLACIER ANTIFREEZE G12+

Product code **73850**

GLACIER ANTIFREEZE G12+ is a long life silicate-, amine-, nitrite- and phosphates free antifreeze based on Organic Acid Technology (OAT) technology in ethylene glycol to be used as a cooling and heat transferring fluid in combustion engines.

GLACIER ANTIFREEZE G12+ may not be used undiluted in a combustion engine.

GLACIER ANTIFREEZE G12+ is based on ethylene glycol and in combination of a patent silicate free aliphatic additive technology to obtain the following properties:

- Extended life.

- Environmentally friendly.
- Reliability.
- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.
- Improved heat transfer.
- Reduces repairs.
- Improved hard water stability.
- Suitable for mixed fleets.

Exceeds: VAG TL 774-D/F, MB 325.3, MAN 324 SNF, GM 6277M, Ford WSS-M97B44D, Cummins IS Series, Detroit Diesel, Deutz/MWM, Hitachi, Liebherr MD1-36, MTU 5048, Renault/Nissan, Volvo, Thermo King



GLACIER ANTIFREEZE

Product code **73940**

GLACIER ANTIFREEZE is a silicate, amine-, nitrites- and phosphates free antifreeze concentrate providing frost and corrosion protection. For the perfect operation of water-cooled internal combustion engines.

GLACIER ANTIFREEZE may not be used undiluted in a combustion engine.

GLACIER ANTIFREEZE is based Mono Ethylene Glycol in combination with a powerful additive technology to obtain the following benefits:

- Corrosion protection, also for non-ferro metals.
- Frost protection.
- Boiling protection.
- Seal compatibility.
- Hard water stability.
- Miscibility.

Exceeds: British Standard (BS) 6580, AFNOR 15-601, ASTM D-3306, SAE-J-1034, CUNA NC 956-16



GLACIER ANTIFREEZE XL

Product code **73950**

GLACIER ANTIFREEZE XL is a long life silicate-containing nitrites, amines and phosphate free antifreeze in ethylene glycol to be used as a cooling and heat transferring fluid in combustion engines.

GLACIER ANTIFREEZE XL may not be used undiluted in a combustion engine.

GLACIER ANTIFREEZE XL is based on ethylene glycol in combination with a powerful additive technology to obtain the following properties:

- Efficient and long lasting corrosion protection.
- Maintenance-free operation against freezing and boiling.
- Extended coolant life.
- Excellent seal compatibility.

Exceeds: VW TL 774C (G11), MB 325.0 / 325.2, FIAT 9.55523, IVECO 18-1830, Ford ESD M97B49-A, MAN 324 NF, Deutz DQC CA-14, ASTM D3306, MTU MTL 5048, Volvo CE, BS 6580, JASO M325, BMW GS 94000, Chrysler MS-7170, NFR 15-601, Case JIC-501, KSM 2142, Cummins 85T8-2, GM GME L1301



GLACIER COOLANT RTU 40

Product code **73960**

GLACIER COOLANT RTU 40 is a silicate, amine-, nitrites- and phosphates free ready to use coolant (50% diluted) providing frost and corrosion protection. For the perfect operation of water-cooled internal combustion engines.

GLACIER COOLANT RTU 40 is based mono ethylene glycol in combination with a powerful additive technology to obtain the following benefits:

- Corrosion protection, also for non-ferro metals.
- Frost protection.
- Boiling protection.
- Seal compatibility.

Exceeds: British Standard (BS) 6580, AFNOR 15-601, ASTM D-3306, SAE-J-1034, CUNA NC 956-16



GLACIER COOLANT RTU G12+

Product code **73970**

GLACIER COOLANT RTU G12+ is a long life silicate-, amine-, nitrite- and phosphates free ready to use coolant based on Organic Acid Technology (OAT) technology in ethylene glycol to be used as a cooling and heat transferring fluid in combustion engines.

GLACIER COOLANT RTU G12+ is based on ethylene glycol and in combination of a patent silicate free aliphatic additive technology to obtain the following properties:

- Extended life.
- Environmentally friendly.
- Reliability.

- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.
- Improved heat transfer.
- Reduces repairs.
- Improved hard water stability.
- Suitable for mixed fleets.

Exceeds: VAG TL 774-D/F, MB 326.3, MAN 324 SNF, GM 6277M, Ford WSS-M97B44D, Cummins IS Series, Detroit Diesel, Deutz/MWM, Hitachi, Liebherr MD1-36, MTU 5048, Renault/Nissan, Volvo, Thermo King





GLACIER COOLANT XL

Product code **74140**



GLACIER COOLANT XL is an ethylene glycol based Long Life silicate-containing nitrites, amines and phosphate free ready to use coolant to be used as a cooling and heat transferring fluid in combustion engines.

GLACIER COOLANT XL is based on ethylene glycol in combination with a powerful additive technology to obtain the following properties:

- Efficient and long lasting corrosion protection.
- Maintenance-free operation against freezing and boiling.
- Extended coolant life.
- Excellent seal compatibility.

Exceeds: VW TL 774C (G11), MB 326.0, FIAT 9.55523, IVECO 18-1830, Ford ESD M97B49-A, MAN 324 NF, Deutz DQC CA-14, ASTM D3306, MTU MTL 5048, Volvo CE, BS 6580, JASO M325, BMW GS 94000, Chrysler MS-7170, NFR 15-601, Case JIC-501, KSM 2142, Cummins 85T8-2, GM GME L1301

GLACIER ANTIFREEZE G13

Product code **75010**



GLACIER ANTIFREEZE G13 is a long life silicate containing antifreeze based on Organic Acid Technology (OAT) in ethylene glycol to be used as a cooling and heat transferring fluid in the latest generation VAG, MB and MAN combustion engines.

GLACIER ANTIFREEZE G13 is recommended to use, for good corrosion protection, at at least 33 vol. %, in the coolant solution. Mixtures with more than 70vol. % of GLACIER ANTIFREEZE G13 in water are not recommended. The maximum frost protection (about -69°C) is obtained at a mixture of 68 vol%.

GLACIER ANTIFREEZE G13 may not be used undiluted in a combustion engine.

GLACIER ANTIFREEZE G13 is based on ethylene glycol and a lbrid additive technology to obtain the following properties.

- Extended life.
- Environmentally friendly due to the absence of borate, nitrite, amines and phosphates.
- Reliability.
- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.

Exceeds: VW TL 774J, MB 325.5, MAN 324 Si-OAT

GLACIER COOLANT RTU G13

Product code **75020**



GLACIER COOLANT RTU G13 is a long life silicate containing ready to use coolant based on Organic Acid Technology (OAT) in ethylene glycol, to be used as a cooling- and heat transferring fluid in the latest generation VAG, MB and MAN combustion engines.

GLACIER COOLANT RTU G13 is based on ethylene glycol and a lbrid additive technology to obtain the following properties.

- Extended life.
- Environmentally friendly due to the absence of borate, nitrite, amines and phosphates
- Reliability
- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.

Exceeds: VW TL 774J, MB 326.5, MAN 324 Si-OAT



PSF POWER SYNTH

Product code **73190**

PSF POWER SYNTH is a fully synthetic, high performance central hydraulic system oil, based on advanced synthetic technology which shows improved performance regarding viscosity temperature characteristics and simultaneously optimized shear stability. This fully synthetic power steering fluid is **NOT suitable for Honda / Acura vehicles.**

PSF POWER SYNTH is developed for highly stressed centralized hydraulic systems, power steering systems and shock absorbers which can reach permanent oil temperatures up to approximately 140°C.

PSF POWER SYNTH is based on high quality synthetic base oil in combination with an unique additive package to ensure the following properties:

- Optimized temperature stability.
- High oxidation stability.
- Proven OEM technology.
- Excellent cold temperatures properties.
- High shear stability.
- Improvement of efficiency possible.

Exceeds: Chrysler MS-1872, Chrysler MS-5931, Chrysler MS-9602, Chrysler MS-11655, Ford M2C195-A, Ford M2C204-A, GM P/N 88901975, GM P/N 89021184, GM P/N 9985010, GM P/N 9985835, GM P/N 1052884, GM P/N 12345866, Hyundai/ Kia PSF-3, Hyundai/ Kia PSF-4, MB 236.3, MB 345.0, Mitsubishi PS Fluid, Mitsubishi SPIII, Nissan PSF-II, CHF 7.1/11S/202, Saab 30 09 800, Saab 30 32 380, Subaru K0209A0080, Toyota PSF-EH, VW G002000, VW G002012, Volvo 1161529



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TIDAL POWER SCR 5W-30

Product code **72480**

TIDAL POWER SCR 5W-30 is a fuel conserving super LOW SAPS high performance universal oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low sulphur diesel fuel (max 50 ppm) for use in Euro-4, Euro-5 and Euro-6 engines equipped with Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

TIDAL POWER SCR 5W-30 is formulated on high quality refined synthetic base oil in combination with a special additive package to obtain the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter (DPF).
- Fuel conserving.

Exceeds: API CI-4, ACEA E6/E7, MB 228.51, MAN M 3477, Volvo VDS-3, Renault RLD-2, Deutz DQC-IV-10-LA, MTU Type 3.1, Cummins CES 20077, Cummins CES 20076, Renault RXD / RGD, MACK EO-N



TIDAL POWER SUPER UHPD 5W-30

Product code **72490**

TIDAL POWER SUPER UHPD 5W-30 is a high performance engine oil based on 100% synthetic technology to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger designed for use in Euro-II, Euro-III, Euro-IV and Euro V emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system.

TIDAL POWER SUPER UHPD 5W-30 is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF). TIDAL POWER SUPER UHPD 5W-30 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for low emission engine equipped with EGR and SCR technology.
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible.

Exceeds: ACEA E4/E7, MB 228.5, MAN M 3277, MTU Type 3, Deutz DQC IV-10, Volvo VDS-3, Renault RVI RLD-2, Mack EO-N, Scania LDF-3, DAF Extended Drain, Cummins 20077



TIDAL POWER EHPD 10W-40

Product code **72500**

TIDAL POWER EHPD 10W-40 is a high performance synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with- or without turbocharger designed for use in Euro-II, Euro-III and EURO-IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. TIDAL POWER EHPD 10W-40 is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER EHPD 10W-40 is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF). TIDAL POWER EHPD 10W-40 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for low emission engine equipped with EGR and SCR technology.
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible.

Approved: MB-Approval 228.5, MACK EO-N, Renault RLD-2, Volvo VDS-3

Meets: API-CI-4, ACEA E4/E7, MAN M 3277/3377, Deutz DQC IV-10, Renault RXD, MTU Type 3, Cummins 20077/20078

Suitable for use: Scania LDF-2



TIDAL POWER SHPD 15W-40

Product code **72510**

TIDAL POWER SHPD 15W-40 is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

TIDAL POWER SHPD 15W-40 is formulated with high refined synthetic base stock in combination with an unique additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals.
- Complies with strictest European emission regulation.

Approved: Volvo VDS 4.5, Mack EOS-4.5, MB-Approval 228.31

Meets: API CK-4, API SN, ACEA E7/E9, Cummins CES 20086, DFS 93K222, DQC III-10-LA, Ford M2C171-F1, MAN M3575, CAT ECF-3, MTU Cat 2.1, Renault RLD-3



TIDAL POWER SHPD 10W-30

Product code **72530**

TIDAL POWER SHPD 10W-30 is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

TIDAL POWER SHPD 10W-30 is formulated with high refined synthetic base stock in combination with an unique additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals.
- Complies with strictest European emission regulation.

Approved: Volvo VDS-4.5, MACK EOS-4.5

Meets: API CK-4, ACEA E7/E9, CAT ECF-3, DFS 93K222, DQC III-10-LA, Cummins CES 20086, MB 228.31, MTU Type 2.1, Renault VI RLD-3, Ford M2C171=F1





TIDAL POWER SCR 10W-40

Product code **72540**



TIDAL POWER SCR 10W-40 is a fuel conserving super LOW SAPS high performance universal oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low sulphur diesel fuel (max 50 ppm) for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

TIDAL POWER SCR 10W-40 is formulated on high quality refined synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter (DPF).
- Fuel conserving.

Approved: MB-approval 228.51, Volvo VDS-3, Renault RLD-2, MACK EO-N
Exceeds: API CI-4, ACEA E6/E7, MTU Type 3.1, Deutz DQC-IV-10-LA, Renault RXD, MAN M3477

TIDAL POWER HDX 10W-40

Product code **72550**



TIDAL POWER HDX 10W-40 is an extra high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

TIDAL POWER HDX 10W-40 is formulated with high refined solvent mineral and synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

Approved: MB-approval 228.3, Volvo VDS-3, Renault RLD-2, Mack EO-N
Exceeds: API CI-4, API SL, ACEA E7, ACEA A3/B4, CAT ECF-1a, ECF-2, JASO DH-1, DCC 93K215, MTU Type 2, Deutz DQC-III-10, Mack EO-M, Global DHD-1, MAN M 3275, Cummins CES 20077, 20078

TIDAL POWER HDX 15W-40

Product code **72560**



TIDAL POWER HDX 15W-40 is an extra high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER HDX 15W-40 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

Approved: MB-Approval 228.3, Volvo VDS-3, MACK EO-N, Renault RLD-2
Exceeds: API CI-4/SL, ACEA E7, DCC 93K215, Global DHD-1, JASO DH-1, Deutz DQC-III, MTU Type 2, CAT ECF-1a, MAN M 3275, Cummins CES 20077, 20078

TIDAL POWER HDL 10W-40

Product code **72570**



TIDAL POWER HDL 10W-40 is a high performance universal semi synthetic oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and is formulated for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

TIDAL POWER HDL 10W-40 is formulated with high refined solvent mineral and synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engine equipped with a Diesel Particle Filter (DPF).

Exceeds: API CH-4, API SL, ACEA A3/B4, MAN M 3275, MB 228.3, MTU Type 2, JASO DH-1

TIDAL POWER HDL 15W-40

Product code **72580**



TIDAL POWER HDL 15W-40 is a high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and is formulated for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER HDL 15W-40 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engines equipped with a Diesel Particulate Filter (DPF).

Exceeds: API CH-4, API SJ, ACEA E7, MB 228.1, MAN M 3275, Deutz DQC-III, MTU Type 2, Cummins CES 20077, Cat ECF-1a



TIDAL POWER HDL 10W-30

Product code **72590**

TIDAL POWER HDL 10W-30 is a high performance universal semi synthetic oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and is formulated for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

TIDAL POWER HDL 10W-30 is formulated with high refined solvent mineral and synthetic base stocks in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engine equipped with a Diesel Particle Filter (DPF).

Exceeds: API CH-4, API SL, MB 228.3, MAN M 3275, MTU Type 2, JASO DH-1



TIDAL POWER HD 15W-40

Product code **72600**

TIDAL POWER HD 15W-40 is a high performance universal mineral oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and is formulated for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

TIDAL POWER HD 15W-40 is formulated with high refined solvent base stocks in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engine equipped with a Diesel Particle Filter (DPF).

Exceeds: API CG-4, ACEA E2, MB 228.1, MAN M271, Volvo VDS, Renault RD, MTU Type 1



TIDAL POWER HD 20W-50

Product code **72610**

TIDAL POWER HD 20W-50 is a high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER HD 20W-50 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.

Exceeds: API CG-4, ACEA E2, MB 228.1, MAN M 271, Volvo VDS, MTU Type 1, Renault RD



TIDAL MONO POWER CF 10W

Product code **72620**

TIDAL MONO POWER CF 10W is a heavy-duty diesel engine oil developed to meet the requirements of a variety of diesel engines operating under severe conditions.

TIDAL MONO POWER CF 10W is suitable for use in a wide range of on- and off-highway applications where an API CF oil is recommended.

TIDAL MONO POWER CF 10W is based on high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- High thermal and oxidation stability.
- Effective in preventing from wear, corrosion and foam.
- High dispersancy and detergency properties.

Exceeds: API SG/CF, MTU Type 2, CCMC G2/D1, MIL-L-46152, CAT TO-2



TIDAL POWER HDX 20W-50

Product code **72630**

TIDAL POWER HDX 20W-50 is an extra high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER HDX 20W-50 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

Exceeds: API CI-4, API SL, MB 228.3, MAN M 3275, Volvo VDS-3, ACEA E7, Renault RLD-2, MAN EO-N, Deutz DQC-III, DDC 93K215, CAT ECF-1a, Global DHD-1, JASO DH-1, MTU Type 2, Cummins CES 20077/20078





TIDAL MONO POWER CF 20W-20

Product code **72640**



TIDAL MONO POWER CF 20W-20 is a heavy-duty diesel engine oil developed to meet the requirements of a variety of diesel engines operating under severe conditions.

TIDAL MONO POWER CF 20W-20 is suitable for use in a wide range of on- and off-highway applications where an API CF oil is recommended.

TIDAL MONO POWER CF 20W-20 is based on high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- High thermal and oxidation stability.
- Effective in preventing from wear, corrosion and foam.
- High dispersancy and detergency properties.

Exceeds: API SG/CF, MTU Type 2, CCMC G2/D1, MIL-L-46152, CAT TO-2

TIDAL POWER SUPER UHPD 10W-40

Product code **72650**



TIDAL POWER SUPER UHPD 10W-40 is a high performance engine oil based on 100% synthetic technology to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger designed for use in Euro-II, Euro-III, Euro-IV and Euro V emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. TIDAL POWER SUPER UHPD 10W-40 is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

TIDAL POWER SUPER UHPD 10W-40 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for Low emission engine equipped with EGR and SCR technology
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible.

Exceeds: ACEA E4/E7, API CF, MB 228.5, MAN M3277, MTU type 3, Deutz DQC III-10, Volvo VDS-3, Renault RVI RLD-2, Mack EO-N, Scania LDF-3, DAF extended drain

TIDAL MONO POWER CF 30 /CF 40 /CF 50

Product code **72660/680/700**



TIDAL MONO POWER CF 30 is a heavy-duty diesel engine oil developed to meet the requirements of a variety of diesel engines operating under severe conditions.

TIDAL MONO POWER CF 30 is suitable for use in a wide range of on- and off-highway applications where an API CF oil is recommended.

TIDAL MONO POWER CF 30 is based on high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- High thermal and oxidation stability.
- Effective in preventing from wear, corrosion and foam.
- High dispersancy and detergency properties.

Exceeds: API CF/SF, MTU Type 2, CCMC G2/D1, MIL-L-46152

TIDAL POWER SHPD 10W-40

Product code **72690**



TIDAL POWER SHPD 10W-40 is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

TIDAL POWER SHPD 10W-40 is formulated with high refined synthetic base stock in combination with an unique additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals.
- Complies with strictest European emission regulation.

Approved: Mack EO-S-4.5 (pending), Renault VI RLD-3 (pending), Volvo VDS-4.5 (pending)

Exceeds: API: CK-4, ACEA E7/E9, CAT ECF-3, Cummins CES 20086, DFS 93K222, DQC III-10-LA, Mack EOS-4.5, MAN M3575, MB 228.31, MTU Cat 2.1, Renault RLD-3, Volvo VDS-4.5

TIDAL POWER SPECIAL UHPD 10W-40

Product code **72810**



TIDAL POWER SPECIAL UHPD 10W-40 is a fuel conserving super high performance MID SAPS oil, designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low sulphur diesel fuel (max. 50 ppm). This product is formulated for use in Euro 5 and Euro 6 engines equipped with Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment system.

TIDAL POWER SPECIAL UHPD 10W-40 is formulated on high refined 100% synthetic base stock in combination with an special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter.

Approved: Volvo VDS-4.5, Mack EOS-4.5, Renault VI RLD-3

Exceeds: ACEA E4/E6/E7/E9, API CJ-4, MB 228.31 / 228.51, MTU Type 3.1/2.1, MAN M3271-1/3477/3575, Cummins CES 20081, Scania Low-Ash, Detroit 93K218, JASO DH-2, Deutz DQC IV-10-LA, Mack EO-N premium Plus, Renault VI RLD-2, CAT ECF-3



TIDAL POWER SPECIAL UHPD 5W-30

Product code **72820**

TIDAL POWER SPECIAL UHPD 5W-30 is a fuel conserving super high performance "MID SAPS" oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm). TIDAL POWER SPECIAL UHPD 5W-30 is formulated for use in Euro-5 and Euro-6 engines equipped with Diesel Particle Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

TIDAL POWER SPECIAL UHPD 5W-30 is formulated on high refined synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particle Filter (DPF).
- Fuel conserving.

Approved: MB-Approval 228.51, Volvo VDS-4.5, Renault RLD-3, Mack EOS-4.5

Exceeds: API CJ-4, ACEA E4/E6/E7/E9, MB 228.31, MAN M 3677/3575, MTU Type 3.1, Cummins CES 20081, MAN M3477/3271-1, CAT ECF-3, DDC 93K218, Mack EO-O, Mack EO-N+, Deutz DQC IV-10-LA, Scania LA, Scania LDF-4



BLUEPOWER

Product code **74220**

BLUEPOWER is an extremely pure solution, especially developed for the diesel engines with a SCR system. It is injected into exhaust gas to reduce harmful NOx emissions and meet the Euro 5 and Euro 6 emission standards.

Chemical compounds of; BLUEPOWER is a solution of urea in demineralized water. BLUEPOWER is produced according to ISO standards. This ensures the highest quality of BLUEPOWER. BLUEPOWER contains approximately 32,5% urea and is also known as AUS 32 ((NH2)2CO).

How does it work?

BLUEPOWER reduces harmful emissions through a chemical reaction in the SCR exhaust system. This chemical reaction occurs when BLUEPOWER is injected into exhaust gas inside the catalyst of the diesel engine. Untreated exhaust gasses contain nitrogen oxides (NOx) which are a major air pollutant. BLUEPOWER is especially used to reduce emission of this pollutant.

Exceeds: DIN 70070, ISO 22241-1



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STREAM POWER OTB 4T

Product code **72910**

STREAM POWER OTB 4T is a premium 4-stroke engine oil specially designed for the most modern high output gasoline power, water cooled outboard / inboard and personal watercraft engines. It is specially developed to exceed the performance requirements of National Marine Manufacturers Association's specification NMMA FC-W® (Four Cycle-Water specification).

STREAM POWER OTB 4T is based on high-quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Exceptional shear stability.
- Advanced rust inhibitors guard against rust & corrosion even in

- marine salt water environment.
- Good low temperature fluidity assists easy cold start.
- Active cleaning agents provide superior engine cleanliness

STREAM POWER OTB 4T is recommended for:

- Outboard Motors: Honda, Mercury, Yamaha, Johnson/Evinrude, Bombardier/BRP, Suzuki, Nissan, Tohatsu.
- Inboard/Outboard Motors: Mercruiser, Volvo Penta, OMC, Chrysler Marine, Crusader, Marine Power, Chevrolet, Ford.
- Personal Watercraft: Honda, Yamaha, Bombardier/BRP (Sea-Doo, Polaris).

Exceeds: NMMA-FC-W



STREAM POWER 2T

Product code **72920**

STREAM POWER 2T is a high quality lubricant suitable for use in air cooled 2-stroke gasoline engines deployed in variety of applications.

STREAM POWER 2T is based on high-quality virgin base oils in combination with a special selected additive package to obtain the following properties:

- Excellent lubricity protects against piston scuffing and premature wear of engine components.
- Proven additive technology controls engine and exhaust system deposits.
- Low ash formula prevents pre-ignition and spark plug fouling.
- Easy miscibility with gasoline ensures stable homogeneous mixture even at low ambient temperatures.

Exceeds: API: TC, JASO FB



STREAM POWER 4T 10W-50

Product code **72930**

STREAM POWER 4T 10W-50 is a semi synthetic 4-stroke gasoline engine oil developed specifically to meet the special requirements of latest high performance air cooled 4-stroke motorcycles. It provides excellent protection to engine, gearbox and wet clutch used in 4-stroke motorcycles and ensures highest degree of reliability even under severe operating conditions and temperatures.

STREAM POWER 4T 10W-50 is based on high-quality mineral and synthetic base oils in combination with a special selected additive package to obtain the following properties:

- Outstanding thermo-oxidative stability.
- Exceptional antiwear, antirust and anticorrosion properties.

- Controlled frictional properties eliminate clutch slippage.
- Increased power/ fuel economy and improves drivability.
- Excellent dispersancy and detergency properties.
- Excellent shear stability maintains viscosity under high temperature-high shear environment.
- Provides improved wear protection.
- Outstanding low temperature properties enable easy starting at low ambient temperatures.
- Ensure effective lubrication and wear protection at start up.
- Low volatility characteristics reduce oil consumption and hydrocarbon pollution.

Exceeds: API: SL, JASO MA-2



STREAM POWER 2T EXTRA

Product code **72940**

STREAM POWER 2T EXTRA is a high quality semi-synthetic lubricant specially developed for high powered 2-stroke air cooled gasoline engines fitted with oil-injection or premix systems.

STREAM POWER 2T EXTRA is based on high quality virgin and synthetic base oils in combination with a special selected additive package to obtain the following properties:

- Outstanding protection against piston scuffing and premature wear of engine components.
- Excellent control against engine deposits, exhaust system blocking.
- Extended engine life without power loss.
- Low ash additive technology prevents pre-ignition and spark plug fouling.
- Specially selected synthetic base fluid reduces visible exhaust smoke.
- Easy miscibility with gasoline ensures stable homogeneous mixture even at low ambient temperatures.

Exceeds: API: TC, JASO FD, ISO-LEGD



STREAM POWER SYN 2T

Product code **72950**

STREAM POWER SYN 2T is a supreme performance synthetic lubricant specially developed for high output air cooled 2-stroke motorcycles and scooters operating under severe conditions.

STREAM POWER SYN 2T is based on high quality synthetic base oils in combination with a special selected additive package to obtain the following properties:

- Exceptional protection against piston scuffing and wear of engine components.
- Exceptional control against engine deposits, exhaust system blocking.

- Extended engine life without power loss.
- Specially selected synthetic base fluid reduces visible exhaust smoke.
- Low ash additive technology prevents pre-ignition and spark plug.
- Easy miscibility with gasoline ensure stable homogeneous mixture even at low ambient temperatures.

Exceeds: API: TC, JASO FD, ISO-LEGD



**STREAM POWER OTB 2T**Product code **72960**

STREAM POWER OTB 2T is a high performance ashless 2-stroke engine oil to meet the most critical requirements of the latest outboard and snow mobile engines. It exceeds the stringent performance requirements of the National Marine Manufacturers Association's specification NMMA TC-W3®.

STREAM POWER OTB 2T is based on high performance mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent lubricity.
- Protection against wear and rust.
- High protection against scuffing and deposit forming.
- Easy mixing and stable mixture even at low temperatures.

Exceeds: NMMA TC-W3**STREAM POWER 4T EXTRA**Product code **72980**

STREAM POWER 4T EXTRA is a 4-stroke gasoline engine oil developed specifically to meet the special requirements of latest high performance air cooled 4-stroke motorcycles. It provides excellent protection to engine, gearbox and wet clutch used in 4-stroke motorcycles and ensures highest degree of reliability even under severe operating conditions and temperatures.

STREAM POWER 4T EXTRA is based on high quality synthetic base oils in combination with a special selected additive package to obtain the following properties:

- Outstanding thermo-oxidative stability.
- Exceptional antiwear, antirust and anticorrosion properties.

- Controlled frictional properties eliminate clutch slippage.
- Increased power/ fuel economy and improves drivability.
- Excellent dispersancy and detergency properties.
- Excellent shear stability maintains viscosity under high temperature-high shear environment and provides improved wear protection.
- Outstanding low temperature properties enable easy starting at low ambient temperatures and ensure effective lubrication and wear protection at start up.
- Low volatility characteristics reduce oil consumption and hydrocarbon pollution.

Exceeds: API: SL, JASO MA2**STREAM POWER 4T**Product code **72990**

STREAM POWER 4T is a semi-synthetic, 4-stroke gasoline engine oil developed specifically to meet the special requirements of latest high performance air cooled 4-stroke motorcycles. It provides excellent protection to engine, gearbox and wet clutch used in 4-stroke motorcycles and ensures highest degree of reliability even under severe operating conditions and temperatures.

STREAM POWER 4T is based on high quality synthetic base oils in combination with a special selected additive package to obtain the following properties:

- Excellent anti-wear, anti-rust and anti-corrosion properties.
- Good thermo-oxidative stability.
- Controlled frictional properties eliminate clutch slippage and improves drivability.
- Excellent dispersant and detergent properties.

Exceeds: API SL, JASO MA-2**STREAM POWER 2T BC RED**Product code **75070**

STREAM POWER 2T BC RED is a high quality lubricant suitable for use in air- and water cooled 2-stroke gasoline engines deployed in variety of applications, such as scooters, mopeds and motorcycles. For the correct mixing ratio we refer to the regulations of the vehicle manufacturer.

STREAM POWER 2T BC RED is based on high-quality virgin base oils in combination with a special selected additive package to obtain the following properties:

- Excellent lubricity protects against piston scuffing and premature wear of engine components
- Proven additive technology controls engine and exhaust system deposits
- Low ash formula prevents pre-ignition and spark plug fouling
- Easy miscibility with gasoline ensures stable homogeneous mixture even at low ambient temperatures.

Exceeds: API TC, JASO FB, ISO-L-EGB**LAWN MOWER POWER OIL 30**Product code **72991**

LAWN MOWER POWER OIL 30 Single-grade motor oil with high-quality base oils and High additive content. Ensures first-class lubrication, optimum engine cleanliness, outstanding wear protection and a long service life of the lawnmower engine. Also provides reliable protection against corrosion under adverse conditions and when overwintering.

LAWN MOWER POWER OIL 30 is based on high performance base oil in combination with a specially selected additive technology to ensure the following properties.

- Low evaporation loss
- Miscible with all commercially available motor oils
- High wear resistance
- Tested for the use with catalytic converters
- Excellent cleaning effect
- Very good dispersion properties
- High resistance to aging
- Outstanding lubricating action

Exceeds: API SG/CF

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**SUPER TRACTOR POWER 10W-40**Product code **73260**

SUPER TRACTOR POWER 10W-40 is a high quality universal synthetic technology based so called "Super Tractor Oil Universal" (STOU) developed for use in tractors, combines, harvesters and off the road equipment with or without turbocharger diesel engines. Super Tractor Oil Universal is also designed to lubricate the transmission, power take-off, final drive, hydraulic system and oil immersed "wet brakes". This product cannot be used in diesel engines equipped with a Diesel Particulate Filter (DPF).

SUPER TRACTOR POWER 10W-40 is formulated on high refined synthetic technology hydrocracked base stocks in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- Excellent cold start properties.
- High anti-foam, anti-wear and anti-corrosion properties.
- Suitable for wet brakes.

Engine Spec: API CG-4/CF-4/CE/SF, MB 228.31, ACEA E3
UTTO/STOU Spec: JD J20C, J20D, J27, Ford M2C86B, 134D, Ford M2C159B, Case MS 1204,6,7,9, MF M 1135/1139/1143/1144/1145, CAT TO-2, API GL-4, Allison C4, ZF TE-ML 06A, 06B, 06C, 06D, 06E, 06H, 07B, NH 82009201, 2, 3
Hydr. Spec: Eaton M-2950S, Eaton I-280-S, Danfoss

SUPER TRACTOR POWER 10W-30Product code **73270**

SUPER TRACTOR POWER 10W-30 is a high quality universal mineral based so called "Super Tractor Oil Universal" (STOU) developed for use in tractors, combines, harvesters and off the road equipment with or without turbocharger diesel engines. Super Tractor Oil Universal is also designed to lubricate the transmission, power take-off, final drive, hydraulic system and oil immersed "wet brakes". This product cannot be used in diesel engines equipped with a Diesel Particulate Filter (DPF).

SUPER TRACTOR POWER 10W-30 is formulated on high refined solvent mineral base stock in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- Excellent cold start properties.
- High anti-foam, anti-wear and anti-corrosion properties.
- Suitable for wet brakes.

Engine Spec: API CG-4/CF-4/CE/SF, MB 227.1, ACEA E3
STOU/UTTO Spec: ZF TE-ML 06B,C,R,07B, Ford M2C159B/C, MF M 1145, JD J27, J20C/D, Ford M2C86B/C, Ford M2C134D, Case MS 1204/6/7/9, MF M 1135/1139, MF M 1143/1144, Caterpillar TO-2, API GL-4, Allison C-4, CNH MAT 3525, 3526, NH 030C, NH 024C, NH 82009201, NH 410B, NH 420A
Hydr. Spec: Eaton M-2950S, Eaton I-280-S, Danfoss

SUPER TRACTOR POWER 15W-40Product code **73290**

SUPER TRACTOR POWER 15W-40 is a high quality universal mineral based so called "Super Tractor Oil Universal" (STOU) developed for use in tractors, combines, harvesters and off the road equipment with or without turbocharger diesel engines. Super Tractor Oil Universal is also designed to lubricate the transmission, power take-off, final drive, hydraulic system and oil immersed "wet brakes". This product cannot be used in diesel engines equipped with a Diesel Particulate Filter (DPF).

SUPER TRACTOR POWER 15W-40 is formulated on high refined solvent mineral base stock in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- Excellent cold start properties.
- High anti-foam, anti-wear and anti-corrosion properties.
- Suitable for wet brakes.

Engine Spec: API CG-4/CF-4/CE/SF, MB 227.1, ACEA E3
STOU/UTTO Spec: JD J20C/D, Ford M2C86B/C, Ford M2C 134-A/C/D, Ford M2C159B/C, FNH 82009201, Allison C-4, Case MS 1204/6/7/9, MF M 1135/1139, MF M 1143/1145, Cat TO-2, API GL-4, MF 1127-A, FNH-2-C-201.00, NH 410-B, NH 420-A, ZF TE-ML 05K, 06B/C, 07B/D
Hydr. Spec: Eaton M-2950S, Eaton I-280-S, Danfoss

UNIVERSAL TRACTOR POWER 85WProduct code **73310**

UNIVERSAL TRACTOR POWER 85W is a high performance fluid for use in transmissions, hydraulic systems, oil immersed brakes of tractors and off-road equipment. These fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives and hydraulic systems and to optimize the performance of agricultural and commercial tractors.

UNIVERSAL TRACTOR POWER 85W is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Enhanced frictional properties optimize clutch performance and ensure noise free operation of wet brakes.
- High Viscosity Index with high shear stability provides consistent performance.

- Excellent low temperature fluidity provides good response and effective lubrication at low ambient temperatures.
- Robust anti-wear and extreme pressure properties control wear, extend equipment life and reduce maintenance costs.
- Multipurpose capability reduces inventory and prevents accidental contamination and misapplication.

UTTO/STOU Spec: JD J20C/D, Ford M2C86A/B/C, Ford M2C134-A-D, Ford FHNA-2-C/200/201, Ford M2C-A-C, Allison C-4, Case MS 1204/6/7/9, MF M 1135/1138, MF M 1141/1143/1145, CAT TO-2, API GL-4, JD J20A/20B, 20C/20D, IHC B-5 Int. Harvester, Renk Dornat 87.3.874A/B, White Q-1826, CNH MAT 3505/3526, CNH MAT 3510/3525, Volvo WB 101
Hydr. Spec: Eaton M-2950S, Eaton I-280-S, JCMAS HK P041/042, Denison HF-1 to HF-2



UNIVERSAL TRACTOR POWER 80W

Product code **73320**

UNIVERSAL TRACTOR POWER 80W is a high performance fluid for use in transmissions, hydraulic systems, oil immersed brakes of tractors and off-road equipment. UTTO fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives and hydraulic systems and to optimize the performance of agricultural and commercial tractors. This product can also be used where a 10W-30 UTTO product is recommend.

UNIVERSAL TRACTOR POWER 80W is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Enhanced frictional properties optimize clutch performance and ensure noise free operation of wet brakes
- High Viscosity Index with high shear stability provides consistent performance
- Excellent low temperature fluidity provides good response and effective lubrication at low ambient temperatures

- Robust anti-wear and extreme pressure properties control wear, extend equipment life and reduce maintenance costs
- Multipurpose capability reduces inventory and prevents accidental contamination and misapplication

UTTO/Trans Spec: John Deere J20C/J20D, Ford M2C86A/B, Ford M2C134D, API GL-4, Allison C-4, Caterpillar TO-2, Case MS 1204/6/7/9, MF M1135/1143/1145, NH410B, NH420A, CNH MAT 3525/3526, Oliver: Type 55/Type 5J, New Holland 82948718, I.H.C: B-5 & B-6 Hydran, Volvo WB101 (97303), Valtra G2-08 / G2-B10, White: Q-1705/1722/1766B, White: Q-1802/1826, ZF TE-ML 03E/05F/06K

Hydr. Spec: Eaton M2950S, Eaton I-280-S, JCMAS HK P-041, Denison(pump only) HF(0-2), Kubota: UDT fluid, Sauer Sundstrand/ Danfoss, DIN 51524-3



UNIVERSAL TRACTOR POWER SYN 80W

Product code **73370**

UNIVERSAL TRACTOR POWER SYN 80W is a high performance fluid for use in [CVT] transmissions, hydraulic systems, oil immersed brakes of tractors and off-road equipment. These fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives and hydraulic systems and to optimize the performance of agricultural and commercial tractors. This product can also be used where a 10W-30 UTTO product is recommend.

UNIVERSAL TRACTOR POWER SYN 80W is based on high quality synthetic base oil in combination with an unique additive package to ensure the following properties:

- High oil aging resistance due to its synthetic base oils, allowing high drain intervals.
- Enhanced frictional properties optimize clutch performance and ensure noise free operation of wet brakes.
- High Viscosity Index coupled with high shear stability provides consistent performance.

- Excellent low temperature fluidity provides good response and effective lubrication at low ambient temperatures.
- Robust anti-wear and extreme pressure properties control wear, extend equipment life and reduce maintenance costs.
- Multipurpose capability reduces inventory and prevents accidental contamination and misapplication.

Exceeds: API GL-4, John Deere J20C, J20D, ZF TE ML-06B/D/E/F/H/M, Volvo WB101 (97303), MF M1145, AGCO CVT ML200, Case MS 1204/6/7/9, Fendt Vario, Allison C-4, Valtra G2-08 (XT-60), Valtra G2-10 (XT-60+), Caterpillar TO-2, Claas CVT, MAT 3540 (CVT), CNH MAT 3525/3526, NH410B, NH420A, Ford M2C134D, Ford M2C86A/B, New Holland 82948718, Oliver: Type 55/Type 5J, Eaton I-280-S, I.H.C: B-5 & B-6 Hydran, White: Q-1705/1722/1766B, White: Q-1802/1826, Eaton M2950S, Kubota: UDT fluid, Sauer Sundstrand/ Danfoss, Denison HF(0-2), JCMAS HK P-041, DIN 51524-3



CHAINSAW OILS



CHAIN SAW POWER 68/100/150/220

Product code **75030/73870/73880/74820**

CHAIN SAW POWER 68/100/150/220 is a high quality oil specially developed to lubricate the chain of chain saws.

CHAIN SAW POWER 68/100/150/220 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Very good adhesive strength.
- Excellent lubricating properties, help to prevent premature chain failure.
- Extend working life.
- The specially selected additives also inhibit rust.

CHAIN SAW POWER 68/100/150/220 is **NOT** suitable to lubricate the engine.



CHAIN POWER BIO

Product code **74830**

CHAIN POWER BIO is a high quality biodegradable oil specially developed to lubricate the chains of industrial equipment.

CHAIN POWER BIO is formulated with fully renewable high quality vegetable oil stocks in combination with a special additive technology to achieve the following performance:

- Very good adhesive strength.
- Excellent lubricating properties, helps to prevent premature chain failure.
- Extend working life.
- The specially selected additives also inhibit rust.
- Low pour point.

CHAIN POWER BIO is **NOT** suitable to lubricate the engine.



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INDUSTRIAL GEAR POWER 68/100/150

Product code **74250/73700/73720**

INDUSTRIAL GEAR POWER 68/100/150 is a high performance extreme pressure gear oil which is developed for lubrication of heavy duty industrial gears working under severe operating conditions.

INDUSTRIAL GEAR POWER 68/100/150 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Excellent load carrying capability protects gears against scuffing and wear and offers long equipment life and reduced maintenance costs.
- High thermo-oxidative stability which helps to resist deposit formation, provides enhanced system cleanliness and enables longer service intervals.
- Provides effective rust and corrosion protection to all gearbox components.
- Excellent demulsibility property enables trouble-free operation in conditions encountering water/ moisture.

Exceeds: DIN 51517-3 CLP, ISO 1292501 CKC, AGMA 9005 E-02, US Steel 224, David Brown S1.53.101



INDUSTRIAL GEAR POWER 220/320

Product code **73740/73760**

INDUSTRIAL GEAR POWER 220/320 is a high performance extreme pressure gear oil developed for lubrication of heavy duty industrial gears working under severe operating conditions.

INDUSTRIAL GEAR POWER 220/320 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Excellent load carrying capability protects gears against scuffing and wear and offers long equipment life and reduced maintenance costs.
- High thermo-oxidative stability helps resist deposit formation, provides enhanced system cleanliness and enables longer service intervals.
- Provides effective rust and corrosion protection to all gearbox components.
- Excellent demulsibility property enables trouble-free operation in conditions encountering water/moisture.

Exceeds: DIN 51517-3 CLP, ISO 1292501 CKC, AGMA 9005 E-02, US Steel 224, David Brown S1.53.101



INDUSTRIAL GEAR POWER 460/680

Product code **73780/73800**

INDUSTRIAL GEAR POWER 460/680 is a high performance extreme pressure gear oil developed for lubrication of heavy duty industrial gears working under severe operating conditions.

INDUSTRIAL GEAR POWER 460/680 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Excellent load carrying capability protects gears against scuffing and wear and offers long equipment life and reduced maintenance costs.
- High thermo-oxidative stability helps resist deposit formation, provides enhanced system cleanliness and enables longer service intervals.
- Provides effective rust and corrosion protection to all gearbox components.
- Excellent demulsibility property enables trouble-free operation in conditions encountering water/moisture.

Exceeds: DIN 51517-3 CLP, ISO 1292501 CKC, AGMA 9005 E-02, US Steel 224, David Brown S1.53.101



INDUSTRIAL GEAR POWER SYNTH 100

Product code **74251**

INDUSTRIAL GEAR POWER SYNTH 100 is an ultra-high performance fully synthetic industrial gear oil suitable for wind-turbines, heavy loaded closed gear boxes and circulation systems operating under extreme conditions and high temperatures.

INDUSTRIAL GEAR POWER SYNTH 100 is formulated with special selected 100% Poly Alpha Olefine (PAO) base stocks in combination with an unique EP-additive technology to achieve the following performance:

- Outstanding load carrying capability.
- Excellent low temperature properties.
- Effective lubrication over a wide temperature range.
- Superior thermo- and oxidation stability.
- Long service intervals.
- Excellent protection against rust, wear and foaming.
- Very high demulsibility.
- Excellent corrosion and micropitting protection (both 90°C and 60°C tests of Winergy and Vestas).

Exceeds: DIN 51517, part 3, AGMA 9005-E02, AGMA 9005-F16, ISO 12925-LCKD/CKE, T7300 SEW, Siemens / Flender, CM P74, AIST 224



INDUSTRIAL GEAR POWER SYNTH 150/220/320/460

Product code **74260/74270/74280/74290**

INDUSTRIAL GEAR POWER SYNTH 150/220/320/460 is an ultra-high performance fully synthetic industrial gear oil suitable for wind-turbines, heavy loaded closed gear boxes and circulation systems operating under extreme conditions and high temperatures.

INDUSTRIAL GEAR POWER SYNTH 150/220/320/460 is formulated with special selected 100% PAO (Poly Alpha Olefine) base stocks in combination with an unique EP-additive technology to achieve the following performance:

- Effective lubrication over a wide temperature range.
- Superior thermo- and oxidation stability.
- Long service intervals.
- Excellent protection against rust, wear and foaming.
- Very high demulsibility.
- Excellent corrosion and micropitting protection (both 90°C and 60°C tests of Winergy and Vestas).

Exceeds: DIN 51517, part 3, AGMA 9005-E02, AGMA/AWEA 6006-A03, ISO 12925-LCKD/CKE, T7300 SEW, Siemens / Flender, CM P74, AIST 224



- Outstanding load carrying capability.
- Excellent low temperature properties.



CIRCULATION POWER 220/320

Product code **74110/74310**



CIRCULATION POWER 220/320 is a premium quality mineral system and circulation oil for the use in hydraulic systems, compressors, turbines, circulation systems bevel & worm gearboxes where a R&O oil type is required.

CIRCULATION POWER 220/320 is formulated on high refined solvent base stocks in combination with a special additive package to reach the following properties:

- Superior thermo- and oxidation stability.
- Rust and corrosion protection.
- Foam control.
- High wear protection.
- Good water separation and rapid air release.

Exceeds: DIN 51524-1 HL, DIN 51517-2 CL, AFNOR NF E 48-603, P-62 (FC-10)

COMPRESSOR POWER 32/46/68/100/150

Product code **74190/73810/73820/74100/73840**



COMPRESSOR POWER 32/46/68/100/150 is a high performance ashless air compressor oil specially designed to meet the stringent requirements of major compressor manufacturers.

COMPRESSOR POWER 32/46/68/100/150 is suited for reciprocating air-, rotary screw and vane compressors. Also, used in circulating oil systems, plain and rolling element bearings, lightly loaded gear sets, etc.

COMPRESSOR POWER 32/46/68/100/150 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo-oxidative stability.
- Improved equipment reliability, availability and efficiency.
- Low ash and carbon forming tendency ensures improved valve performance.
- Reduced potential for fires and explosions in the discharge systems.
- Exceptional anti-wear and anti-rust properties.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency.
- Reduces sludge formation and improves life of coalesces.

Exceeds: DIN 51506 VBL/VCL/VDL, ISO 6521-DAA/DAB/DAG/DAH

COMPRESSOR POWER SYNTH 32/46/68/100/150

Product code **74200/74210/74230/74090/73860**



COMPRESSOR POWER SYNTH 32/46/68/100/150 is an advanced fully synthetic ashless air compressor lubricant developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors.

COMPRESSOR POWER SYNTH 32/46/68/100/150 is suited for reciprocating air-, rotary screw and vane compressors. Also, used in circulating oil systems, plain and rolling element bearings, lightly loaded gear sets, etc.

COMPRESSOR POWER SYNTH 32/46/68/100/150 is based on high quality Poly Alpha Olefine (PAO) base oil in combination with an unique additive package to ensure the following properties:

- Low varnish and carbon forming tendency help in reducing maintenance costs.
- Extra High Viscosity Index.
- Excellent low temperature fluidity for use in wide operating temperature range.
- Zinc-free formulation ensures excellent filterability by minimizing oil filter blockage in wet condition.
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates.
- Improved surface properties results in very good anti-foaming and air release properties and superior demulsibility.
- Offers excellent protection against rust and corrosion.
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils.

Exceeds: DIN 51506 VDL, ISO 6743-3- DAB/DAJ

- Outstanding thermo-oxidative stability.
- Excellent anti-wear protection leads to longer oil and equipment life.



TURBINE POWER 32

Product code **74150**



TURBINE POWER 32 is a supreme performance turbine oil specially designed for use in non-g geared steam turbines, gas turbines and combined cycle gas turbines (CCGT) including the gas turbines operating at high temperatures.

TURBINE POWER 32 is based on high quality base oil in combination with an unique additive package to ensure the following properties:

- Excellent water separation capability resists formation of emulsion and leads to easy removal of excess water from the lubrication system.
- Effective rust and corrosion inhibitors provide long term protection to critical system components.
- Good air release properties and foam control.

Exceeds: ASTM D4304 Type I, DIN 51515-1 (TD), DIN 51515-2 (TG), ALSTOM HTGD 90117 W, GEK 107395A/27070/28143 A/32568J/46506E, Solar ES 9-224, Siemens TLV 9013 04 (non EP)

- Outstanding thermal and oxidation stability.
- Prevents sludge formation, controls deposits and minimizes oil degradation.

TURBINE OILS



TURBINE POWER 46

Product code **74180**

TURBINE POWER 46 is a supreme performance turbine oil specially designed for use in non-g geared steam turbines, gas turbines and combined cycle gas turbines (CCGT) including the gas turbines operating at high temperatures.

TURBINE POWER 46 is based on high quality base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermal and oxidation stability.
- Prevents sludge formation, controls deposits and minimizes oil degradation.

- Excellent water separation capability resists formation of emulsion and leads to easy removal of excess water from the lubrication system.
- Effective rust and corrosion inhibitors provide long term protection to critical system components.
- Good air release properties and foam control.

Exceeds: ASTM D4304 Type II, DIN 51515 TD/TG, ISO 8086 TSE/TGE/TSA/TGA, 32568E/32568F/46506D/28143A/107395A/101941A, Siemens TLV 9013 04, ALSTOM HTGD 90117 V, GEK Solar ES 9-224, Class II ALSTOM HTGD 90117W



TURBINE POWER 68

Product code **74330**

TURBINE POWER 68 is a supreme performance turbine oil specially designed for use in geared and non-g geared steam turbines, gas turbines and combined cycle gas turbines (CCGT) including the gas turbines operating at high temperatures.

TURBINE POWER 68 is based on high quality base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermal and oxidation stability.
- Prevents sludge formation, controls deposits and minimizes oil degradation.

- Superior anti-wear property and load carrying capability provide excellent protection for geared turbines.
- Excellent water separation capability resists formation of emulsion and leads to easy removal of excess water from the lubrication system.
- Effective rust and corrosion inhibitors provide long term protection to critical system components.
- Good air release properties and foam control.

Exceeds: ASTM D4304 Type II, DIN 51515 TD/TG, ISO 8086 TSE/TGE/TSA/TGA, ALSTOM HTGD 90117 V, GEK Solar ES 9-224, Class II, ALSTOM HTGD 90117W, 32568E/32568F/46506D/28143A/107395A/101941A, Siemens TLV 9013 04



WHITE OILS



WO POWER B15/B68

Product code **75050/75060**

WO POWER B68 is a Paraffin food grade oil for general lubrication purposes for use in industrial operations wherever there is the possibility of food contact. WO POWER B68 can be used as a general lubricant in various applications in the food processing industry and gives excellent results as general lubricant, divider oil and/or mould release oil in the textile, knitwear, food and beverage industry. It generally can be used whenever very high cleanliness levels are requested or in environments that require regular cleaning with water.

WO POWER B68 meets NSF and InS H-1, 3-H and HX-1 standards.

WO POWER B68 is based on high quality paraffinic white oil in combination with a special additive to ensure the following properties:

- Colourless, odourless and tasteless
- Good lubrication properties
- Good adherence
- Provides clean, non-staining and non-contaminating lubrication
- Meets H-1, 3-H and HX-1 requirements



HYDRAULIC OILS



HYDRA POWER HLPD 46/68

Product code **73660/73470**

HYDRA POWER HLPD 46/68 is a heavy duty detergent type ashless anti-wear hydraulic oil specially developed for machine-tool hydraulic systems, mobile hydraulic systems and clutch drives where minor water contamination can be expected.

HYDRA POWER HLPD 46/68 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Special detergent and dispersant properties ensure smooth functioning.

- Excellent water emulsifying ability maintains proper functioning of hydraulic systems even in case of contamination of oil with small amounts of water.
- Superior anti-wear properties help reduce wear of mechanical components.
- High resistance to oxidation and thermal degradation.
- High foam control and rapid air release properties ensure trouble-free operations.
- Effective corrosion inhibitors provide corrosion protection in arduous service conditions.

Exceeds: DIN 51524/2 HLPD, Daimler DBL 6721





HYDRA POWER HLPD PLUS 46

Product code **74890**



HYDRA POWER HLPD PLUS 46 is a heavy duty detergent type ashless anti-wear hydraulic oil specially developed for machine-tool hydraulic systems, mobile hydraulic systems and clutch drives where minor water contamination can be expected.

HYDRA POWER HLPD PLUS 46 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Special detergent and dispersant properties ensure smooth functioning.

- Excellent water emulsifying ability maintains proper functioning of hydraulic systems even in case of contamination of oil with small amounts of water.
- Superior anti-wear properties help reduce wear of mechanical components.
- High resistance to oxidation and thermal degradation.
- High foam control and rapid air release properties ensure trouble-free operations.
- Effective corrosion inhibitors provide corrosion protection in arduous service conditions.

Exceeds: DIN 51524/3 HVLDP, ISO 6743/4-LHV, AFNOR NFE 48-603, Daimler DBL 6721

HYDRA POWER 15/22/100/150

Product code **73500/73510/73570/74840**



HYDRA POWER 15/22/100/150 is a high performance anti-wear hydraulic oil developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

HYDRA POWER 15/22/100/150 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.

- Excellent thermo-oxidative stability.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, US Steel 127, 136

HYDRA POWER 32

Product code **73520**



HYDRA POWER 32 is a high performance anti-wear hydraulic oil developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

HYDRA POWER 32 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions
- Excellent thermo-oxidative stability.

- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-0, Cincinnati P-68

HYDRA POWER 46

Product code **73540**



HYDRA POWER 46 is a high performance anti-wear hydraulic oil developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

HYDRA POWER 46 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions
- Excellent thermo-oxidative stability.
- Superior demulsibility helps in faster separation of water from

- oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-1, Cincinnati P-70

HYDRA POWER 68

Product code **73560**



HYDRA POWER 68 is a high performance anti-wear hydraulic oil developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

HYDRA POWER 68 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.
- Excellent thermo-oxidative stability.

- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-2, Cincinnati P-69



HYDRA POWER ZF 22

Product code **73640**

HYDRA POWER ZF 22 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions. HYDRA POWER ZF 22 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Excellent thermo-oxidative stability.
- Exceptional anti-wear property results in longer pump and component life.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, Denison HF-1



HYDRA POWER ZF 32

Product code **73530**

HYDRA POWER ZF 32 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions.

HYDRA POWER ZF 32 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Excellent thermo-oxidative stability.
- Exceptional anti-wear property results in longer pump and component life.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, Denison HF-0, Cincinnati P-68



HYDRA POWER ZF 46/68

Product code **73650/73710**

HYDRA POWER ZF 46/68 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions.

HYDRA POWER ZF 46/68 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Excellent thermo-oxidative stability.
- Exceptional anti-wear property results in longer pump and component life.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, Denison HF-1, Cincinnati P-70



HYDRA POWER PLUS 15/22/32/46

Product code **74320/73590/73580/73600**

HYDRA POWER PLUS 15/22/32/46 is a premium quality anti-wear hydraulic oil specially developed for applications like hydraulic and power transmission subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required.

HYDRA POWER PLUS 15/22/32/46 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Extremely High Viscosity Index assures equipment protection at cold start-up temperatures and at high operating temperatures.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.

- Excellent thermo-oxidative stability.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/3 HVL, AFNOR NFE 48-603, ISO 6743/4 HV, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-0, Cincinnati P-68





HYDRA POWER PLUS 68

Product code **73620**



HYDRA POWER PLUS 68 is a premium quality anti-wear hydraulic oil specially developed for applications like hydraulic and power transmission subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required.

HYDRA POWER PLUS 68 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Extremely High Viscosity Index assures equipment protection at cold start-up temperatures and at high operating temperatures.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.

- Excellent thermo-oxidative stability.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/3 HVLP, AFNOR NFE 48-603, ISO 11158 HV, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-2, Cincennati P-69

HYDRA POWER PLUS 100

Product code **73550**



HYDRA POWER PLUS 100 is a premium quality anti-wear hydraulic oil specially developed for applications like hydraulic and power transmission subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required.

HYDRA POWER PLUS 100 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Extremely High Viscosity Index assures equipment protection at cold start-up temperatures and at high operating temperatures.

- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.
- Excellent thermo-oxidative stability.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/3 HVLP, AFNOR NFE 48-603, ISO 11158 HV, Vickers M-2950, I-286-S, US Steel 127, 136

HYDRA POWER SYNTH 32

Product code **73790**



HYDRA POWER SYNTH 32 is a premium quality ashless fully synthetic environmentally acceptable hydraulic oil specially developed to meet the requirements of the most demanding modern hydraulic systems in industrial and mobile services.

HYDRA POWER SYNTH 32 is based on high quality synthetic base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermo-oxidative stability reduces deposit formation, improves pump & valve performance and allows extension of oil and filter change intervals.
- Exceptional anti-wear property.
- Naturally High Viscosity Index ensures minimum viscosity change over a wide temperature range.

- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950-S, I-286-S, US Steel 127, 136, Denison HF-0, Cincennati P-68



HYDRA POWER SYNTH 46

Product code **73830**

HYDRA POWER SYNTH 46 is a premium quality ashless fully synthetic environmentally acceptable hydraulic oil specially developed to meet the requirements of the most demanding modern hydraulic systems in industrial and mobile services.

HYDRA POWER SYNTH 46 is based on high quality synthetic base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermo-oxidative stability reduces deposit formation, improves pump & valve performance and allows extension of oil and filter change intervals.
- Exceptional anti-wear property.
- Naturally High Viscosity Index ensures minimum viscosity change over a wide temperature range.
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/3 HLVP, AFNOR NFE 48-603, ISO 11158 HV, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-1, Cincinnati P-70



HYDRA POWER SYNTH 68

Product code **73610**

HYDRA POWER 68 is a premium quality ashless fully synthetic environmentally acceptable hydraulic oil specially developed to meet the requirements of the most demanding modern hydraulic systems in industrial and mobile services.

HYDRA POWER 68 is based on high quality synthetic base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermo-oxidative stability reduces deposit formation, improves pump & valve performance and allows extension of oil and filter change intervals.
- Exceptional anti-wear property.
- Naturally High Viscosity Index ensures minimum viscosity change over a wide temperature range.
- Excellent demulsibility helps in faster separation of water from

oil and resists formation of emulsions.

- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Exceeds: DIN 51524/2 HLP, AFNOR NFE 48-603, ISO 11158 HM, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-2, Cincinnati P-69



HYDRA POWER ZF PLUS 22/32

Product code **73730/73750**

HYDRA POWER ZF PLUS 22/32 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions.

HYDRA POWER ZF PLUS 22/32 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Outstanding thermo-oxidative stability.
- Exceptional anti-wear property which results in fewer breakdowns.
- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/3 HVLP, AFNOR NFE 48-603, ISO 11158 HV, Vickers M-2950, I-286-S, US Steel 127, 136, Denison HF-1, Cincinnati P-70





HYDRA POWER ZF PLUS 46

Product code **73630**



HYDRA POWER ZF PLUS 46 is a high-performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions.

HYDRA POWER ZF PLUS 46 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Outstanding thermo-oxidative stability.
- Exceptional anti-wear property which results in fewer break-downs.
- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/3 HVLP, GM LS-2, ISO 11158 HV, Eaton Vickers-2950-S, Eaton Vickers I-286-S, Denison HF-0, Cincinnati P-70, Bosch Rexroth RE 90 220

HYDRA POWER ZF PLUS 68

Product code **73770**



HYDRA POWER ZF PLUS 68 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions

HYDRA POWER ZF PLUS 68 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Outstanding thermo-oxidative stability.
- Exceptional anti-wear property which results in fewer break-downs.
- Advanced ashless additive technology reduces environmental impact in case of accidental spillage.
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.

- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimize chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds: DIN 51524/3 HVLP, AFNOR NFE 48-603, ISO 11158 HV, Vickers M-2950-S, I-286-S, Denison HF-2, Cincinnati P-69

HYDRA POWER BIO-SYNTH 46

Product code **73900**



HYDRA POWER BIO-SYNTH 46 is a premium quality biodegradable hydraulic oil for heavy duty hydraulic systems of earthmoving equipment and permanent installations working under severe conditions like high pressures over a wide range of temperatures where pollution of the environment is expected.

HYDRA POWER BIO-SYNTH 46 is developed from easily biologically degradable synthetic ester base oils together with an environmentally friendly additive package.

- High and stable viscosity index.
- Excellent wear-preventing properties.

- High good activity against corrosion.
- Excellent stability against oxidation.
- Good deaerating and foam suppressing properties
- Good compatibility with seals and gaskets made from synthetic material.
- Low pour point.
- Good water separation.
- Reduced harm for water and soil during use.

Exceeds: ISO 15380 HEES, CEC L33-T82 >90% in three weeks, Swedish Standard (SS) 155434



HYDRA POWER BIO HFDU 46

Product code **73910**

HYDRA POWER BIO HFDU 46 is a premium quality biodegradable hydraulic oil for heavy duty hydraulic systems for use in applications exposed to fire hazards and/or there is risk of contamination of the environment.

HYDRA POWER BIO HFDU 46 is formulated from organic esters together with a special additive package to ensure the following performance:

- Very good fire-resistance.
- High and stable Viscosity Index.
- Excellent wear-preventing properties.

- High good activity against corrosion.
- Excellent stability against oxidation.
- Good deaerating and foam suppressing properties.
- Good compatibility with seals and gaskets made from synthetic material.
- Rapid water separation.
- Reduced harm for water and soil during use.

Exceeds: ISO-L-HFDU, OECD 301B –Sturm test: >70% bio degradability



HYDRA POWER BC 32/46/68

Product code **75040/74500/74510**

HYDRA POWER BC 32/46/68 is an universal mineral high grade oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

HYDRA POWER BC 32/46/68 is formulated with high quality re-refined mineral base stocks in combination with a special additive- and silicone antifoam technology to achieve the following performance:

- Excellent stability against oxidation.
- Very good protection against wear.
- Good water demulsibility.
- Very good anti-foaming properties.
- Very effective to rust and corrosion.

Exceeds: AFNOR NFE 48-603, ISO 11158 HM, DIN 51524/2 HLP



HYDRA POWER BC PLUS 32/46

Product code **74800/74810**

HYDRA POWER BC PLUS 32/46 is an universal HVI mineral high grade oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

HYDRA POWER BC PLUS 32/46 is formulated with high quality re-refined mineral base stocks in combination with a special additive- and silicone antifoam technology to achieve the following performance:

- Excellent stability against oxidation.
- High Viscosity Index.
- Very good protection against wear.
- Good water demulsibility.
- Very good anti-foaming properties.
- Very effective protection against rust and corrosion.
- Very good thermal stability.

Exceeds: AFNOR NFE 48-603, ISO 11158 HV, DIN 51524/3 HVLP





SLIDEWAY POWER 32/68/220

Product code **73670/73680/73690**



SLIDEWAY POWER 32/68/220 is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

SLIDEWAY POWER 32/68/220 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Low frictional properties reduce chatter and stick-slip of slides and ways.
- Improved surface finish and dimensional accuracy of workpieces.
- Excellent demulsibility provides ready separation from soluble cutting fluids.
- Prolonged coolant life and reduced cost of replacement and disposal.

- Superior metal wetting properties and adhesiveness resist wash-off from critical surfaces and protect from attack of high pH coolants.
- Good filterability provides easy circulation through filters and reduces stick-slip, chatter and wear.
- Excellent anti-wear performance provides high levels of protection for gears, bearings and slides.
- Effective rust and corrosion inhibitors provide enhanced protection of machine tool slides even in presence of aqueous cutting fluids.
- Good thermal and oxidative stability.

Exceeds: ISO 19378 GA & GB, General Motors LS2, ISO 11158 HG, DIN 51524 part II, DIN 51517 part III, FZG 12, AIST 224, AGMA 9005 E02 (EP)

SLIDEWAY POWER 100

Product code **74350**



SLIDEWAY POWER 100 is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

SLIDEWAY POWER 100 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Low frictional properties reduce chatter and stick-slip of slides and ways.
- Improved surface finish and dimensional accuracy of workpieces.
- Excellent demulsibility provides ready separation from soluble cutting fluids.
- Prolonged coolant life and reduced cost of replacement and disposal.

- Superior metal wetting properties and adhesiveness resist wash-off from critical surfaces and protect from attack of high pH coolants.
- Good filterability provides easy circulation through filters and reduces stick-slip, chatter and wear.
- Excellent anti-wear performance provides high levels of protection for gears, bearings and slides.
- Effective rust and corrosion inhibitors provide enhanced protection of machine tool slides even in presence of aqueous cutting fluids.
- Good thermal and oxidative stability.

Exceeds: ISO 6743-4 HG, ISO 6743-13 GA

SLIDEWAY POWER 320/680

Product code **74370/74360**



SLIDEWAY POWER 320/680 is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

SLIDEWAY POWER 320/680 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Low frictional properties reduce chatter and stick-slip of slides and ways.
- Improved surface finish and dimensional accuracy of workpieces.
- Excellent demulsibility provides ready separation from soluble cutting fluids.
- Prolonged coolant life and reduced cost of replacement and disposal.
- Superior metal wetting properties and adhesiveness resist wash-off from critical surfaces and protect from attack of high pH coolants.
- Good filterability provides easy circulation through filters and reduces stick-slip, chatter and wear.
- Excellent anti-wear performance provides high levels of protection for gears, bearings and slides.
- Effective rust and corrosion inhibitors provide enhanced protection of machine tool slides even in presence of aqueous cutting fluids.
- Good thermal and oxidative stability.

Exceeds: ISO 6743-4 HG, ISO 6743-13 GA



LUNA GREASE EP 00

Product code **73980**

LUNA GREASE EP 00 is a general multipurpose grease which can be used in various applications within given temperature limits. The consistency EP-00 makes it suitable for use in centralized lubrication systems.

- Good resistance to shock loads.
- Wide range of applications.
- Good corrosion protection.

Exceeds: DIN 51502, KP00G-30, ISO 12924, L-XCBEB-00

LUNA GREASE EP 00 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings. LUNA GREASE EP 00 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors and EP additives to ensure the following properties:



LUNA GREASE EP 2

Product code **73990**

LUNA GREASE EP 2 is a general multipurpose grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability and corrosion protection, making it suitable for bearing lubrication even in wet environments.

- Good resistance to shock loads.
- Wide range of applications.
- Good corrosion protection.

Exceeds: DIN 51502, KP2K-20, ISO 12924, L-XBCEB-2

LUNA GREASE EP 2 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

LUNA GREASE EP 2 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors and EP additives to ensure the following properties:



LUNA GREASE EP BF 2

Product code **74000**

LUNA GREASE EP BF 2 is a general multipurpose grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability and corrosion protection, making it suitable for bearing lubrication even in wet environments.

- Good resistance to shock loads.
- Wide range of applications.
- Good corrosion protection.

Exceeds: DIN 51502, KP2K-20, ISO 12924, L-XBCEB-2

LUNA GREASE EP BF 2 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

LUNA GREASE EP BF 2 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors and EP additives to ensure the following properties:



LUNA GREASE EP BF 3

Product code **74010**

LUNA GREASE EP 3 is a general multipurpose grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability and corrosion protection, making it suitable for bearing lubrication even in wet environments.

- Good resistance to shock loads.
- Wide range of applications.
- Good corrosion protection.

Exceeds: DIN 51502, KP3K-20, ISO 12924, L-XBCEB-3

LUNA GREASE EP BF 3 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

LUNA GREASE EP BF 3 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors and EP additives to ensure the following properties:



LUNA GREASE EPX 2

Product code **74020**

LUNA GREASE EPX 2 is a modern high performance lithium complex thickened EP 2 grease suitable for applications within a very wide temperature range and especially applications at elevated temperatures.

- Excellent at high temperatures.
- Very good mechanical stability.
- High load carrying capacity.
- Good corrosion protection.

Exceeds: KP2P-20, L-XBEHB-2, NH-710A, JD J13C3 / J25C

LUNA GREASE EPX 2 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:





LUNA GREASE EPHT 2

Product code **74040**



LUNA GREASE EPHT 2 is a high performance bentone clay thickened grease suitable for both industrial and automotive applications

LUNA GREASE EPHT 2 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

LUNA GREASE EPHT 2 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors and EP additives to ensure the following properties:

- Non-Melting point.
- Suited for application with a very wide temperature range.
- Special applications at elevated temperatures.

Exceeds: DIN 51502, ISO 6743, KP2N-20, ISO-L-XCDAB-2

LUNA GREASE USG 2.5

Product code **74060**



LUNA GREASE USG 2.5 is a heavily loaded lithium-calcium thickened grease for agricultural, marine and industrial applications where water wash is problematic.

LUNA GREASE USG 2.5 is also suitable for heavy duty vehicles working outdoors in wet and dirty conditions.

LUNA GREASE USG 2.5 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent at high temperatures.
- Very good mechanical stability.
- Excellent adhesion to metal surfaces.
- High protection against moisture and water washing.

Exceeds: KP2K-10, KP3K-10, L-XACHB-2/3

LUNA GREASE EP 3

Product code **74070**



LUNA GREASE EP 3 is a general multipurpose grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability and corrosion protection, making it suitable for bearing lubrication even in wet environments.

LUNA GREASE EP 3 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

LUNA GREASE EP 3 is a lithium thickened lubricating grease based on mineral oil. The grease contains corrosion inhibitors

and EP additives to ensure the following properties:

- Good resistance to shock loads.
- Wide range of applications.
- Good corrosion protection.

Exceeds: DIN 51502, KP3K-30, ISO 12924, L-XC(F)CHB3

LUNA GREASE MO-2

Product code **74430**



LUNA GREASE MO-2 is a high quality semi synthetic lithium grease with added MOS2, designed to operate in the most severe conditions in industrial and automotive applications.

LUNA GREASE MO-2 is based on high quality mineral and synthetic base oil in combination with an unique additive package to ensure the following properties:

- Lubrication of mechanisms subject to slipping, vibrations or high load.
- Extension of greasing periods.
- Reduced friction coefficients, reducing wear and tear in lubricant elements.
- High adherence and lubricity.
- Ensured economic elements due to mechanical or lubrication interventions.

Exceeds: MPF2K-20, ISO-L-XBCEB-2, MIL-G-3545 C, MIL-G-7711 A

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**HANSA CYLPOWER 5070**Product code **74520**

HANSA CYLPOWER 5070 is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low speed turbo charged crosshead diesel engines operating on high temperatures and high power output on residual fuels with a minimum sulphur content of 1.5%.

HANSA CYLPOWER 5070 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Outstanding acid neutralizing capability.
- Very good oxidation stability.
- Maximum film strength.

- Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports.
- Enhanced anti-wear property minimizes piston ring & cylinder wear.
- Good compatibility with all normal seal materials.
- High TBN of 70 for max sulphur content of 1.5%

HANSA CYLPOWER 5040Product code **74540**

HANSA CYLPOWER 5040 is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low speed turbo charged crosshead diesel engines operating on high temperatures and high power output on residual fuels with a maximum sulphur content of 2%.

HANSA CYLPOWER 5040 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Outstanding acid neutralizing capability.
- Very good oxidation stability.
- Maximum film strength.

- Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports.
- Enhanced anti-wear property minimizes piston ring & cylinder wear.
- Good compatibility with all normal seal materials.
- TBN of 40 for max. sulphur content of 2%

HANSA SYSPower 3008Product code **74560**

HANSA SYSPower 3008 is a premium quality system oil designed for modern highly rated low speed crosshead marine engines including those employing system oil for piston cooling.

HANSA SYSPower 3008 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo-oxidative stability.
- Improved detergency keeps crankcase clean.
- Superior water separation characteristics result in trouble free operations.
- Special rust inhibitors protect critical bearing surfaces from rusting.
- Adequate TBN ensures protection against corrosive combustion products.
- Good load bearing capabilities reduce wear in heavily loaded bearings.

HANSA POWER MGX 15W-40Product code **74570**

HANSA POWER MGX 15W-40 is a premium quality marine engine oil developed to meet the performance requirements of modern turbocharged and naturally aspirated marine diesel engines operating on distillate diesel fuel.

HANSA POWER MGX 15W-40 is formulated with high refined solvent base stocks in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engine equipped with a Diesel Particle Filter (DPF).

Exceeds: API: CH-4, ACEA E2 (level), MB 228.3, MAN M 3275, Volvo VDS, MTU Type 2

HANSA POWER 312/315/412/415/420Product code **74580/74600/74620/74640/74710**

HANSA POWER 312/315/412/415/420 is a premium quality trunk piston engine oil designed for use in the modern medium speed diesel engines operating on distillate fuels.

HANSA POWER 312/315/412/415/420 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Superior detergency ensures piston and crankcase cleanliness.
- Improved anti-wear property minimizes engine wear.
- Excellent thermo-oxidative stability.
- Protection of engine parts against corrosive combustion products.
- Better demulsibility characteristics ensure water.
- Special rust & corrosion inhibitors prevent corrosion of engine parts in severe salt water environment.
- Excellent dispersancy and detergency properties.
- Good protection against "Bore Polishing" and lacquering.

Exceeds: API: CF



HANSA POWER 3030/3040/4030/4040

Product code **74660/74680/74720/ 74740**

HANSA POWER 3030/3040/4030/4040 is a premium quality multifunctional trunk piston engine oil designed for use in the latest highly rated medium speed diesel engines operating on residual fuels with a max. sulphur content of 3.5% in marine, power generation and industrial applications.

HANSA POWER 3030/3040/4030/4040 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Exceptional detergency reduces build-up of soot & black sludge, improves tolerance for heavy fuel contaminants and keeps the engine clean.
- Acidic by-products are effectively neutralized and the engine is protected from corrosive wear by the unique formulation providing the reserve alkalinity.
- Superior demulsibility characteristics ensure water.
- Robust antiwear technology provides excellent piston & linear wear control and good gear performance.
- Excellent thermo-oxidative stability retards oil degradation facilitating extended oil life.



HANSA POWER DDC 40

Product code **74770**

HANSA POWER DDC 40 is premium quality monograde engine oil developed for high output, high speed two-cycle diesel engines. This oil is designed to exceed the performance requirements of API CF/CF-2 and is particularly recommended for Detroit Diesel two-cycle diesel engines in marine fleets operating on low sulphur fuels.

HANSA POWER DDC 40 is based on high quality mineral base stocks in combination with a special selected additive package to achieve to following properties.

- Excellent detergency reduces deposits, sludge build-up & varnish.
- Extend engine life & durability.
- Superior thermo-oxidative stability.
- Improved antiwear technology protects against scuffing & wear of cylinder liner and walls.
- Special rust inhibitors retard rust & corrosion formation in critical engine parts.
- Adequate TBN levels ensure protection against corrosive combustion products.

Exceeds: API: CF/CF-2



HANSA MULTI POWER 15W-40

Product code **74780**

HANSA MULTI POWER 15W-40 is a premium quality marine engine oil developed to meet the performance requirements of modern turbocharged and naturally aspirated marine diesel engines operating on distillate diesel fuel.

HANSA MULTI POWER 15W-40 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

Exceeds: API: CI-4, API: SL/CF, ACEA E7, DCC 93K21.5, MB 228.3, MAN M 3275, Volvo VDS-3, MTU Type 2, Global DHD-1, JASO DH-1, CAT ECF-1a, Deutz DQC-III, Cummins CES 20077, 20078



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A stylized wave graphic in blue and yellow colors.



RAILROAD POWER 413

Product code **72710**

RAILROAD POWER 413 is a high performance, zinc-free and chlorine-free oil specially designed to provide excellent engine cleanliness and oil filter life in the modern railroad diesel locomotive engines.

RAILROAD POWER 413 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Exceptional detergency and dispersancy provides excellent engine cleanliness, especially engine top decks.
- Excellent retention of TBN facilitates extended drain intervals.
- High thermo-oxidative stability.

- Zinc-free formulation protects silver bearings against corrosion.
- Non-chlorinated additive package helps in reducing used oil disposal costs.

Exceeds: API CF/CF-2, LMOA Generation 5, EMD of General Motors, GE Diesel Engines, GE as Generation 4 Long Life Oils



RAILROAD POWER 494

Product code **73450**

RAILROAD POWER 494 is a high performance, zinc-free and chlorine-free oil specially designed to provide excellent engine cleanliness and oil filter life in the modern railroad diesel locomotive engines.

RAILROAD POWER 494 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Exceptional detergency and dispersancy provides excellent engine cleanliness, especially engine top decks.
- Excellent retention of TBN facilitates extended drain intervals.
- High thermo-oxidative stability.

- Zinc-free formulation protects silver bearings against corrosion.
- Non-chlorinated additive package helps in reducing used oil disposal costs.

Exceeds: API CF/CF-2, LMOA Generation 5, EMD of General Motors, GE Diesel Engines, GE as Generation 4 Long Life Oils



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MILKING MACHINE POWER 68

Product code **73350**

MILKING MACHINE POWER 68 is a high-quality oil developed for use in milking machines and formulated from specially selected highly refined mineral oils. MILKING MACHINE POWER 68 is a non-foaming oil for use in all piston and rotary milking machine vacuum pumps.

MILKING MACHINE POWER 68 is formulated with high quality refined mineral base stocks in combination with a special additive technology to achieve the following performance:

- Good water separation ensuring the oil does not emulsify with moisture or condensation.
- Excellent filterability ensuring solid contaminants are easily

- removed from the oil, therefore promoting long pump life and reliability.
- Low volatility that prevents oil constituents evaporating away during periods of high temperature operation.
- Low pour point provides protection for the equipment when starting up and operating at temperatures below 0°C.
- High Viscosity Index maintains the oil film at high temperatures.

MILKING MACHINE POWER 68 should **NOT** be permitted to come into contact with the milk.... i.e. no incidental food contact.

Exceeds: AFNOR NFE 48-603, ISO 11158 HM, DIN 51524/2 HLP



THERM POWER 32

Product code **73890**

THERM POWER 32 is a premium quality heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 315°C.

THERM POWER 32 is based on high quality virgin mineral base oil to ensure the following properties:

- Excellent thermal and oxidation stability.
- Minimizes deposit formation and viscosity increase.
- Extended service life and reduced downtime.
- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 315°C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local overheating.
- Non corrosive to aluminium, steel, copper, brass or bronze.
- Non-toxicity of this oil provides easy disposal of used oil.



THERM POWER 46

Product code **74490**

THERM POWER 46 is a premium quality heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 315°C.

THERM POWER 46 is based on high quality virgin mineral base oil to ensure the following properties:

- Excellent thermal and oxidation stability.
- Minimizes deposit formation and viscosity increase.
- Extended service life and reduced downtime.

- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 315°C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local overheating.
- Non corrosive to aluminium, steel, copper, brass or bronze.
- Non-toxicity of this oil provides easy disposal of used oil.



SYNTHETIC HEAT TRANSFER OIL

Product code **74420**

SYNTHETIC HEAT TRANSFER OIL is a high quality synthetic heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 350°C.

SYNTHETIC HEAT TRANSFER OIL is based on high quality synthetic technology base oil to ensure the following properties:

- Excellent thermal and oxidation stability.
- Minimizes deposit formation and viscosity increase.
- Extended service life and reduced downtime.

- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 350°C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local overheating.
- Non corrosive to aluminium, steel, copper, brass or bronze.
- Non-toxicity of this oil provides easy disposal of used oil.



FORM POWER 10

Product code **74850**

Form Power 10 is a high quality mineral moulding oil and is recommended for steel- and coated moulds and to be applied by spraying, swabbing or brushing and can also be used for the manufacturing of concrete in heated moulds.

Form Power 10 is based on high quality mineral virgin base oil in combination with a special additive to ensure the following properties.

- Good release characteristics.
- No discolouring of the concrete surface.
- Good protection against deposits.
- High protection against rust in steel moulds at normal conditions.
- Preventing against put-forming in the concrete surface.
- No problems can be expected afterwards with tiles, wallpaper etc.
- Solvent Free, odourless.





TIDAL POWER LA 40

Product code **72870**



TIDAL POWER LA 40 is a Low Ash high performance heavy duty gas engine oil specially designed for use in stationary gas engines which run on natural and/or biogas and operate under severe conditions and high temperatures.

TIDAL POWER LA 40 is based on high-quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Excellent thermal-, nitration-, and oxidation stability.
- Reducing of combustion chamber deposits.

- Minimize ring scuffing.
- Protect against corrosive wear.
- Improving engine performance.

Exceeds: GE Jenbacher for Fuel Class A (Natural gas) and B (Biogas), Type 2 and 3 all engines; Type 4, Version A, B; Type 6 up to version E, API CF, Waukesha Cogeneration, Dresser Rand Category III

TIDAL POWER MA 40

Product code **72880**



TIDAL POWER MA 40 is a Medium Ash high performance heavy duty gas engine oil specially designed for use in stationary gas engines which run on natural, biogas and/or landfill gas and operate under severe conditions and high temperatures.

TIDAL POWER MA 40 is based on high-quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Excellent thermal-, nitration-, and oxidation stability.
- Reducing of combustion chamber deposits.

- Minimize ring scuffing.
- Protect against corrosive wear.
- Improving engine performance.

Exceeds: GE Jenbacher for Fuel Class B (Biogas) and C (Landfill gas), Type 2 and 3 all engines; Type 4, Version A, B; Type 6 up to version E, API CF, Waukesha Cogeneration, Dresser Rand Category III

TIDAL POWER LA 30

Product code **72890**



TIDAL POWER LA 30 is a Low Ash high performance heavy duty gas engine oil specially designed for use in stationary gas engines which run on natural and/or biogas and operate under severe conditions and high temperatures.

TIDAL POWER LA 30 is based on high-quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Excellent thermal-, nitration-, and oxidation stability.
- Reducing of combustion chamber deposits.

- Minimize ring scuffing.
- Protect against corrosive wear.
- Improving engine performance.

Exceeds: GE Jenbacher for Fuel Class A (Natural gas) and B (Biogas), Type 2 and 3 all engines; Type 4, Version A, B; Type 6 up to version E, API CF, Waukesha Cogeneration, Dresser Rand Category III



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