



VERILA[®]

LUBRICANTS

VERILA GREASES SELECTION GUIDE



European Lubricating Grease manufacturer, with over 70 years tradition, focused on lubricating grease manufacturing, Verila Lubricants AD produces a large variety of high-performance lubricating greases.

With millions invested in the laboratory a decade ago, Verila laboratory is equipped with some of the latest measuring equipment and test rigs. In our laboratory, experienced personnel perform a wide range of grease performance validations, as well as comparative tests, compatibility tests and new product development lab batches.



Verila Lubricants AD is a successor of "Verila" chemical plant, established in 1945 near Sofia, Bulgaria. Multiple transformation waves of reconstruction and investments added technological boost, capacity increase, energy efficiency raise and a newly equipped laboratory to the experienced grease production team.

The wide range of testing equipment include measurement of the grease penetration, dropping point, low temperature flow pressure, oil separation, free alkali and free acids, rolling stability, mechanical stability, test for corrosion preventive performance, water resistance, water washout, water spray-off, anti-wear performance, extreme pressure (EP) , as well as Fourier Transformation Infra-red spectroscopy (FTIR).



Are you a new distributor of Verila greases?

- Several hundreds of grease specialties available
- Technical support in selecting a grease portfolio optimum for the specific of each customer.
- ultra high performance offered products include Calcium Sulfonate Complex greases, Calcium Anhydrous, Lithium Complex, inorganic thickened greases, chisel paste, copper compound, synthetic greases and silicone grease and many more.
- REACH registered European experienced grease producer. Check some of our products on our website:

www.verila-bg.com

- flexibility regarding minimum order quantity.
- wide variety of pack types available



Standard quantities in a pallet, per pack, in the case of Verila greases

VERILA branded Stock Keeping Unit (SKU)	Pack Size, kg	pieces in a carton box	number of carton boxes on one pallet	Total pieces on one pallet	Net KG on one pallet
400g grease cartridges, Pull-off	0.4	12	100	1200	480
500g grease cartridges with plunger and screw cap	0.5	6	192	1152	576
Plastic Bucket	4	4	30	120	480
metal pail	15	not applicable	not applicable	33	495
metal drum	180	not applicable	not applicable	4	720



Per customer request, or for private label greases, the number of pieces per pallet can be different, and we produce and pack greases in a wide variety of pack sizes and packaging aspect, in 0,4kg, 0,5kg, 0,8kg, 1kg, 4kg, 5kg, 10kg, 15kg, 16kg, 18kg, 20kg, 25kg, 50kg, 175kg, 180kg per pack.

Selection of some of the VERILA LUBRICATING GREASES. For more products, please contact us

VERILA® product name	Color	Thickener	Base oil viscosity at 40° Celsius	NLGI grade	Operating temperatures [degrees Celsius] min / max and (peak ^[1])		Dropping point [0 Celsius]	Extreme pressure per D2596 Weld Point [Newtons]
Super high performing inorganic thickened greases and pastes for special applications								
Verila Chisel Paste	 Copper-Gray	Special Inorganic	260	2	-20	1100	>305	8000
Verila Copper Compound	 Coppery	Special Inorganic	260	1	-20	1200	>305	6200
Verila Drilling Compound	 Black and Coppery	Special Inorganic	260	2-3	-20	200	>280	8000
Verila Thermal HD	 Yellow	Special Inorganic	220	2	-20	200 (230)	>305	3150
Verila BENT EP 2 VG460 <small>[available also with base oil VG220]</small>	 Brown	Bentonite	460	2	-10	180	>305	2500
Calcium sulfonate complex greases								
Verila CSX EP 2 V180 HP	 Brown	Calcium Sulfonate Complex	180	2	-25	180	>305	5000
Verila CSX EP 1.5 VG460 <small>[Also available in NLGI 2 consistency grade]</small>	 Brown	Calcium Sulfonate Complex	460	1.5	-25	180	>305	5000
Verila CSX EP 0.5 V1700	 Brown	Calcium Sulfonate Complex	1700	0.5	-25	150	>305	5000
Verila CSX EP 0 VG1000 OG	 Black	Calcium Sulfonate Complex	1000	0	-25	150	>250	8000
Lithium Complex Grease								
Verila Syntech EP 2	 White To Light Yellow	Lithium Complex	32	2	-45	150	>220	2500
Verila Li Complex EP 2 PTFE Green	 Green	Lithium Complex	220	2	-25	160	>260	5000
Verila Li Complex EP 2 VG460 Ultra Moly <small>[Also Available with the higher EP level]</small>	 Grey-Black	Lithium Complex	460	2	-20	140 (160)	>250	5000
Verila Li Complex EP 2 V420 LLS	 Yellow-Brown	Lithium Complex	420	2	-20	150 (160)	>230	3150

Note: [1] Short time peak of temperature, with adequate reduction of the re-greasing interval

Extreme Pressure (EP) Properties				
> 620	500-620	315-400	250	< 250
*****	****	***	**	*



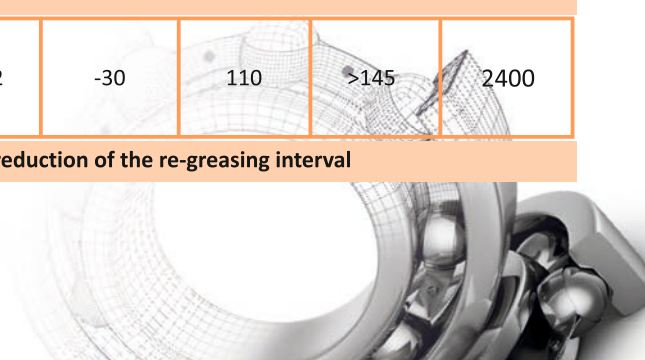
Water resistance	Performance level per: ISO 6743-9 and DIN 51502	Short description of the grease	key performances, applications, properties
**	MPF2U-20	Special paste for the lubrication of the high demanding friction points under extreme pressures and at very high temperatures, bushings of hydraulic and pneumatic hammers. High content of very fine Copper and Graphite powders provides reduced wear and extended toll life.	Grease paste for Hydraulic Hammers. Extreme resistance to shock loads and high temperatures generated by high load operation.
**	ISO XBGG B DIN KPF2U-20	Anti-seize lubricant for applications up to 1200 C. Contains very fine Copper powder and special polymers providing excellent adhesiveness. Ideal solution for automotive assembling / disassembling operations and protection against corrosion and seizing: bolts, screws, threaded joints of exhaust systems and suspension components.	Temperature: up to 1200 Celsius as anti-seizing paste Load: Very High Extreme Pressure resistance Adhesiveness: Excellent
**	-	High performance, synthetic compound used for drill pipes, joints, tools, casings, rotary shoulders. It does not contain lead or zinc full stop. It is based on super fine copper powder and other dry lubricants in total more than 17% of the product.	Robust protection against seizure and corrosion of the surfaces in contact, extremely good resistance against water wash-out and highly resistant to drilling mud
*	ISO XBGH B 2	High-performance lubricating grease based on a special inorganic thickener, semi-synthetic base oil, containing very fine PTFE. Allows peak temperatures up to 230 Celsius when frequent re-greasing is provided	Designed for working also at very high temperatures. High resistance to shock loads For slow, robust and highly loaded equipment
**	ISO XBFH B 2 DIN KP2R-15	High Temperature Heavy Duty bentonite thickener based grease, with high viscosity base oil ISO VG460 designed for industrial applications. It is suitable for plain sliding surface, journals and friction bearing that run at high temperature.	High temperature grease for heavy duty applications. Speed factor: slow & average speed applications
*****	ISO XBFIB 2 DIN KP2R-25	Calcium Sulfonate Complex High Performance Multi-Purpose grease with extraordinary Water resistance, mechanical stability, high temperature resistance and load carrying properties. For heavy loaded bearings operated at high temperatures in wet and dirt conditions.	Multipurpose, Very high load carrying capacity, high operating temperatures. Excellent water resistance and superb mechanical stability.
*****	ISO XBFH B 1,5 DIN KP1,5R-25	Heavy Duty high EP grease, Calcium Sulfonate Complex, ISO VG460 base oil viscosity. Wide range of heavily loaded industrial applications: rolling and slide bearings operated under extreme conditions, at temperatures up to 180 C. Excellent mechanical stability and resistance against water wash-out.	Heavy duty calcium sulfonate grease for toughest industrial applications such as steel industry and wooden pallets
*****	ISO XBDIB 0.5 DIN OGP0,5N-20	Heavy duty New Calcium Sulfonate Complex grease with extremely high viscosity synthetic blend of base oil (1700 cSt). Extremely resistant to water washout and very good protection from wear and corrosion. Specially designed to deliver outstanding performance in severe industrial application, mining, marine offshore and off-highway heavy duty equipment.	Loads: Extreme / Shock Water Resistance: Excellent Mechanical Stability: Excellent
*****	ISO XCEH B 0 DIN OGPFP30	Heavy Duty Open Gear Grease based on a synthetic blend of base oil ISO VG 1000, with high content of dry lubricants and Calcium Sulfonate Complex thickener, delivers outstanding load carrying capacity and film thickness performances.	Loads: Extreme / Shock Film Thickness - Excellent
***	ISO XEDH B 2 DIN KPHC2N-40	Premium quality, SYNTHETIC GREASE, long life, extreme pressure developed for the automotive and industrial applications with very long re-greasing intervals, difficult to reach greasing points (i.e. building roof or ceiling ventilators); for bearings operating at very high speed, in extremely low (even arctic) and high temperatures.	Very wide operating temperature range, from very high to arctic. Speed factor: very high. Very good noise reduction factor, especially suitable for electrical motor greasing Super Long Life for application points difficult to reach, applications where frequent re-lubrication is difficult.
****	ISO XBEIB 2 DIN KPF2P-255	Extreme Performance Heavy-Duty grease, contains PTFE dry lubricant and state of the art additives, for super protection against wear of the mechanical parts. For premium greasing of industrial or automotive applications, including heavy-duty on-road and off-road vehicles, mining and construction equipment, severe forestry applications, for bearings, universal joints, axles, ball joints, pins, bushings, fifth wheel, water pumps, gears, heavy load, shock loads or vibrating applications.	Super resistant to shock loads and vibrations Very high EP load carry capacity, for top, premium maintenance. Long Life grease, protects mechanical parts Resistant to very wide temperatures, from high to low
****	ISO XBDH B 2 DIN KPF2N-20	Lithium Complex Moly Grease. Contains super fine molybdenum disulfide powder as dry lubricant. Excellent EP. Slow moving, highly loaded. Large industrial bearings. Excelent protection in lubricant starving or accidental overheating conditions.	Temperatures: High Water Resistance: Very good Loadings: Frequent Shocks Speed factor: slow
***	ISO XBDH B 2 DIN KP2N-20	High viscosity, Long Life lithium complex grease, for heavy duty applications at high temperatures. Utilizing the latest additive technology. Designed for lubrication of slow and medium speed taper roller bearings, ball bearings, plain bearings and joints under high and shock loads.	Long life grease especially for wooden pellet presses and other equipment exposed to severe operating conditions and high temperatures.

Note: water resistance rating is:
water wash-out measured per ISO 11009,
water resistance measured per DIN 51807-1



Selection of some of the VERILA LUBRICATING GREASES. For more products, please contact us

VERILA® product name	Color	Thickener	Base oil viscosity at 40° Celsius	NLGI grade	Operating temperatures [degrees Celsius] min / max and (peak ^[1])		Dropping point [0 Celsius]	Extreme pressure per D2596 Weld Point [Newtons]
Lithium Complex Grease								
Verila Li Complex EP 2 VG320 HDVT <small>[Also available in RED Color]</small>	 Blue	Lithium Complex	320	2	-30	140	>260	3150
Verila Li Complex EP 2 Vg220	 Blue	Lithium Complex	220	2	-20	150 (160)	>260	3150
Lithium greases								
Verila Lithium HD <small>[Also available in NLGI 1 consistency grade]</small>	 Yellow to Brown	Lithium	220	2	-30	130	>190	3150
Verila Lithium EP 2 LL	 Yellow to Brown	Lithium	110	2	-35	130 (140)	>190	3150
Verila Lithium EP 2 Moly	 Grey-Black	Lithium	100	2	-20	120 (130)	>190	3150
Verila Lithium EP 2 MG	 Black	Lithium	150	2	-30	130	>190	3150
Verila Lithium EP 2 <small>[Also available in NLGI 0, 1 and 3 consistency grades]</small>	 Yellow-Brown	Lithium	100	2	-30	120	>185	2500
Verila Lithium EP 00 <small>[Also available as NLGI 00/000 consistency grade]</small>	 Yellow-Brown	Lithium	100	00	-30	120	>175	3150
Verila Lithium 2 <small>[Also available as NLGI 00/000 consistency grade]</small>	 Yellow-Brown	Lithium	100	2	-30	120	>185	non-EP Grease
Lithium Calcium greases								
Verila LiCa EP 2 VG220 Moly	 Grey-Black	Lithium Calcium	220	2	-25	130 (140)	>185	3150
Verila LiCa EP 2 VG220 VT	 Red	Lithium Calcium	220	2	-20	130	>180	4000
Verila LiCa EP 2 <small>[Also available in NLGI 1 and 3 consistency grades]</small>	 Red	Lithium Calcium	220	2	-25	110	>170	2500
Superb water resistance Calcium Anhydrous Greases								
Verila Calcium Special VG1000 HDVT	 Neon Yellow	Calcium Anhydrous CAG	1000	2	-30	110	>145	2400
Note: [1] Short time peak of temperature, with adequate reduction of the re-greasing interval								



Water resistance	Performance level per: ISO 6743-9 and DIN 51502	Short description of the grease	key performances, applications, properties
***	ISO XCDHB 2 DIN KP2N-30	Outstanding Performance, Heavy Duty Lithium Complex grease, high viscosity base oil ISO VG320. For wide range of heavily loaded applications working in wet and corrosive environment, in a wide range of operating temperatures. Dyed blue for easy identification.	Heavy duty lithium complex grease to be used in extremely demanding machinery / equipment in toughest operating conditions.
***	ISO XBDIB 2 DIN KP2N-20	Lithium Complex High Performance Multi-Purpose, Long life grease. The right balance of the performance characteristics makes it suitable for very wide range of applications. Reducing the inventory complexity. Dyed BLUE for easy identification.	Very reliable and highly pumpable grease, with long life Wide temperature use Multipurpose high quality, Li Complex EP grease
***	ISO XCCHB 2 DIN KP2K-30	Lithium grease with high-quality mineral base oil of ISO VG220 viscosity grade. Recommended for lubrication under high loads in both industrial and automotive applications: all kinds of general applications in transport, agriculture and off-road equipment; lubrication of plain and rolling bearings exposed to severe operating conditions and hostile environments	Long Life Temperature: Wide Range Loadings: High Speed Factor: Medium to high
***	ISO XCCHB 2 DIN KP2K-35	Lithium, Long Life, High Performance, Multi-Purpose grease. Excelent protection over wide temperature range, at temperatures as low as -35 deg. and up to 130 deg.C, even 140 deg.C with more frequent re-greasing intervals.	Long Life Lithium grease. Wide temperature operation, robust.
***	ISO XBCHB 2 DIN KPF2K-20	High quality Multi-Purpose "moly" grease. Molybdenum disulphide provides extra antiwear protection in slow moving, sliding or oscillating bearings applications. Moly contributes to good lubricity, high load carrying capability, especially for applications with vibrations and or shock loads.	Super high performance MoS2 containing grease, for highly loaded applications with shock loads and vibrations
****	ISO XCCHB 2 DIN KPF2K-30	High quality Multi-Purpose extreme pressure grease containing Moly and Graphite. Best for greasing bearings operated under extreme pressure, shock loads, slow moving sliding and vibrations. The combined dry lubrication components will provide very high anti-wear protection even in grease starving conditions. For use in CV-joints, U-joints and premium lubrication of chassis components.	Super high performance MoS2 containing grease, for highly loaded applications with shock loads and vibrations, boosted with other dry lubricants and special additives to provide extra corrosion resistance and water resistance
***	ISO XCCHB 2 DIN KP2K-30	Multi-purpose, Extreme Pressure [EP] greases for general lubrication, plain and rolling element bearings, pins and bushings, subjected to high loads in automotive and industrial applications and where operating temperature goes up to 120 Celsius.	Multi-Purpose Extreme pressure [EP] Grease. Water Resistance: Good Loadings: High
**	ISO XCCEB 00 DIN GP00K-30	A high quality semi-fluid grease that can be used in both industrial and automotive applications where operating temperature go up to 120°C.	Semi fluid grease with superb pumpability even at very low ambient temperatures.
***	ISO XCCHA 2 DIN K2K-30	Multi-purpose greases for general lubrication, plain and rolling element bearings, under normal loads in automotive and industrial applications and where operating temperatures goes up to 120 Celsius.	Multi-Purpose Grease widely utilized
****	ISO XBCHB 2 DIN MPF2K-25	Heavy Duty Lithium Calcium soap based grease with Moly (MoS2). Excellent water resistance. Durable and efficient lubrication in heavy shock loads and vibrating applications. Moly provides extra protection against wear under shock loads, oscillating movements and even in the case of loss of grease or accidental overheating.	Water Resistance: Excellent Loadings: High & Shock Excellent resistance to frequent shock loads and vibrations
****	ISO XBCHB 2 DIN KP2K-20	Lithium Calcium High Performance, Heavy Duty grease. For applications where special water resistance is essential. Very tacky grease will stay in place, will not be removed nor leak out and will provide efficient lubrication even in toughest environments.	Excellent resistance to water wash-out Excelent grease adhesiveness to metal surfaces Load carrying capacity: High
****	ISO XBBHB 2 DIN KP2G-25	Widely used extreme pressure [EP] grease, with high pumpability, with improved water resistance, suitable for lubrication under low and high loads, where operating temperature does not exceed 110 Celsius.	Ultra high resistance to water washout EP grease, colored red for distinguishing. Good stickiness to metal surfaces
*****	DIN KP2G-30	Heavy duty, very tacky, water-resistant grease based on calcium anhydrous thickener and very viscous blend of base oils and synthetic components. Successfully lubricates extremely loaded bearings, exposed to vibrations and dirt and wet working environment. Effective lubrication of plain and rolling element bearings, mining, agriculture & forestry.	Heavy duty grease with base oil of ISO VG1000, operating temperatures down to -30 Celsius, High loads and very low speeds



Your private label grease manufacturer

- Most of the products we manufacture in Verila are private label greases.
- We proudly serve companies that have their own lubricants brand, but they prefer to have the greases produced for them by third parties, due to various optimization reasons.
- We offer our technological competence and private label grease manufacturing experience to our customers.
- We are flexible about minimum order quantities, large portfolio, including custom-made products.
- Huge variety of packs & labeling options, supporting product differentiation.
- Large production capacity secure capacity to serve existing as well as the many future customers.

seek for more information
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