



FOOD GRADE LUBRICANTS



LUBRICATION SOLUTIONS

#V4

Consumers are increasingly demanding greater assurance and traceability in the food sector. Manufacturers are taking action to provide guarantees in terms of food safety.

This is why Molydal must implement optimal lubrication solutions and guarantee the traceability and safety of its products, for example through NSF certification, which is well known to food and agri-food manufacturers.

NSF International is an accredited independent certification body that tests and certifies products to ensure they meet these public health and safety standards. Products that meet the standards bear the NSF mark, a mark respected by consumers, manufacturers, retailers and regulators locally and internationally.

But beyond NSF certification, Molydal wanted to focus on products that do not contain MOSH or MOAH, as this is becoming a major concern for industry and consumers. No standard is yet in force. Without any legal obligation, Molydal nevertheless enables manufacturers to identify its MOSH- and MOAH-free products.

Moreover, aware of the impact of petroleum products on health and the environment, Molydal has been involved for more than 10 years in the research and development of eco-designed products. Thus a range of eco-responsible products was launched. As proof of its approach, Molydal is

part of the USDA BioPreferred® Program and is committed to a certification process for its eco-responsible products. Thus, four products in its eco-responsible range are already USDA certified.

The United States Department of Agriculture (USDA) has established minimum biobased content standards for various product categories. The product must meet or exceed the minimum percentage of biobased content in its given category to be certified. The certified product is then allowed to display the «USDA Certified Biobased Product» logo with the percentage of biobased content in the product.

This catalogue is a tool that enables professionals to make a choice based on the desire to combine productivity with respect for human health and the environment.



PRODUCTS LIST

AGL 65 AL	56
AGL 80 AL	7
AIR S22 AL	10
AL BL.....	7
AL SI 55.....	6
BG 267 AL	8
DEGRIPPANT ALIMENTAIRE.....	7
FILLMORE AL	8
GR PTFE AL	5
HR 100 AL - 150 AL - 220 AL - 320 AL - 460 AL.....	10
H VG	10
HYDRO 32 AL - 46 AL - 68 AL.....	10
KL 9 H.....	11
KL 50 AL.....	11
KL AL.....	11
LUZOL AL	6
LUZOL FOOD G000	5
M 61.....	6
NS 40 AL	8
NS 50 AL.....	8
NS 100 AL.....	8
P 716	9
PERF 80 NF.....	9
PW 30 AL	6
SIL 172 AL	9
SILICONE AL	9
STARNET+	11
VASELINE TECHNIQUE	5

SUMMARY

MULTI-PURPOSE GREASES.....	5
GREASES FOR CENTRALIZED LUBRICATION.....	5
GREASES FOR HIGH TEMPERATURES.....	6
WATER RESISTANT GREASES.....	7
PENETRATING OILS.....	7
CHAIN AND CABLE LUBRICANTS	8
PLASTIC INJECTION.....	9
LUBRICATING OILS	10
UNIVERSAL SOLVENT-BASED DEGREASERS.....	11
UNIVERSAL NON-SOLVENT DEGREASERS.....	11



With these two logos, products for the food industry approved by the NSF or 2probiity (European food certification body) in the following categories can easily be identified:

- K1 for solvent-based cleaners - Products for untreated areas
- A1 for general cleaners
- H1 for general accidental contact lubricants
- 3H for lubricants in direct contact



With MOLYDAL's own logo «MOSH MOAH FREE LUBRICANTS», products containing neither MOSH nor MOAH, important criteria for the food industry, can be identified.

- MOSH: Mineral oil saturated hydrocarbons
- MOAH: Mineral oil aromatic hydrocarbons

These substances are food contaminants and are considered to be potentially harmful to health (genotoxic or mutagenic).



With MOLYDAL's own GREEN LUBRICANTS logo, eco-responsible products can be identified.

- **PERFORMANCE:** products with the same or even better performance than mineral-based products, with technical data displayed as indicator.
- **SAFETY:** products without safety pictographs; safety indicator consultation of FDS on demand.
- **ENVIRONMENT:** maximum use of biosourced raw materials in product formulation, indicator: Molydal is a participant in the "USDA BioPreferred® Program" and is committed to the certification of its eco-responsible products.



Reduction of MOSH and MOAH contaminants in the food industry

MOSH and MOAH food contaminants

Mineral oil hydrocarbons are mainly derived from crude oil. They are divided into two main categories:

- Mineral Oil Saturated Hydrocarbons - MOSH
- Mineral Oil Aromatic Hydrocarbons - MOAH.

Mineral oil hydrocarbons are food contaminants suspected of being hazardous to human health.

They can migrate into food throughout the manufacturing process via different routes:

- **by migration of MOH from packaging to food** (paper and cardboard, plastic packaging, lubricants for the manufacture of cans etc.)
- **by accidental contamination** (lubricants, cleaning products, oils for compressed air systems).
- **by the use of certain authorised food additives and processing aids** (white oils used as food additives or processing aids, waxes and paraffins used as mould release agents)

What does the regulation say?

In its 2012 opinion, the European Food Safety Authority (EFSA) considers that exposure to MOHs is of potential concern for human health.

In its opinion of 8 March 2017, the French National Agency for Food Safety (Agence Nationale de Sécurité Sanitaire de l'Alimentation - ANSES) recommends «limiting consumer exposure to MOHs, and more particularly to MOAHs».

In accordance with Recommendation (EU) 2017/84 on the monitoring of mineral oil hydrocarbons in food and in materials and articles intended to come into contact with food, the French Directorate-General for Competition, Consumer Affairs and Fraud Control (Direction Générale de la concurrence, de la consommation et de la répression des fraudes - DGCCRF) collects contamination data and participates in

negotiations aimed at defining, at European level, health risk management measures.

LAW No. 2020-105 of 10 February 2020

(AGEC - Anti-waste and circular economy law)

Decree No. 2020-1725 of 29 December 2020, containing various adaptation provisions relating to extended producer responsibility (EPR), defines the conditions for the ban on mineral oils in packaging and print media intended for the public provided for in Article 112 of the AGECE Law.

I. - As of 1 January 2022, the use of mineral oils in packaging is prohibited.

II. - As of 1 January 2025, the use of mineral oils for print media intended for the public is prohibited. For unsolicited advertising leaflets and catalogues for commercial promotion, this ban shall apply from 1 January 2023.

III. - The terms of application of this article shall be defined by decree.

The decree shall provide that the ban shall apply to mineral oils containing substances that interfere with the recycling of packaging waste or limit the use of the recycled material because of the risks that these substances pose to human health.

A decree specifying the substances concerned shall be published in 2021.

What are the solutions?

Molydal offers a range of lubricants free of mineral oils, with MOAH and MOSH/POSH/PAO contents below 5 mg/Kg (limit of quantification - LOQ).

The separation of MOSH, POSH (Polyolefinic Oligomeric Saturated Hydrocarbons) and PAO (Polyalphaolefins) is not possible due to their structural similarity.

Solutions are offered in the fields of lubrication, industrial maintenance (degreasers, degreasing agents and compressed air lubricants), chain lubrication, plastic injection and metal packaging deformation.

The logo below, specific to Molydal, is used in the catalogues and on the labels, for easy identification of MOSH-free and MOAH-free products.



MULTI-PURPOSE GREASES



GR PTFE AL
PTFE WHITE GREASE

DESCRIPTION

Clean lubrication. Good resistance to water and dust. Infusible (does not leak). Long-term lubrication. Flat nozzle spray together with extension tube for hard-to-reach areas. GR PTFE AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N° 163619)

USE

Industrial bakeries, biscuits, dairy plants, slaughterhouses. Plumbers, general mechanics ...

TECHNICAL DATA

- Operating range of temperatures: -20°C to +200°C (250°C for dry lubrication)
Non-flammable propellant gas (CO2)

PACKING	REF
650 / 400 ML AEROSOL	GRPTFEAL2



VASELINE TECHNIQUE
GREASING AND SEALING COMPOUND

DESCRIPTION

Sealing grease that is neutral on most elastomers. Does not harden. Usable in fortuitous contact with food. VASELINE TECHNIQUE is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°162097)

USE

For lubricating delicate metal parts or the assembly of plastic items. For anticorrosion protection in the metallurgy industries, textile industries, rubber industries and manufacturers of printer inks.

TECHNICAL DATA

- Operating temperature range: -15°C to +55°C
NLGI Grade: 3/4

PACKING	REF
1 L TIN	VASESPEB1



AGL 65 AL
EXTREME PRESSURE WHITE GREASE

DESCRIPTION

Low-viscosity mineral oil, complex aluminium thickener. Resistant to water. Temperature resistance. Excellent, excellent stability to impact and vibrations. Resistant to corrosion and oxidation. High-performance anti-wear and extreme pressure. AGL 65 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N° 147547)

USE

Bearing lubrication, axles operating under severe conditions in the food industry: load, moisture, high temperature. Can be used in centralised lubrication. For the pelleting/animal feed industries. Food and sugar industries.

TECHNICAL DATA

- Operating temperature range: -20°C to +140°C
NLGI Grade: 2
Load: 400 kg

PACKING	REF
50 KG KEG	AGL65AL50
400 G CARTRIDGE	AGL65ALCA
180 KG DRUM	AGL65ALFT

GREASES FOR CENTRALIZED LUBRICATION



LUZOL FOOD G000
FOOD GRADE GREASE FOR CENTRALIZED LUBRICATION EQUIPMENT

DESCRIPTION

High performances food grade semifluid grease. LUZOL FOOD G000 is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°164476)

USE

Highly suitable for the lubrication of heavily loaded mechanisms, even at very low temperatures

TECHNICAL DATA

- Operating temperature range: -40°C to +120°C
NLGI Grade: 000
Load: > 350 Kg

PACKING	REF
50 KG KEG	LUZOLFG00050

GREASES FOR HIGH TEMPERATURES



AL SI 55 SILICONE GREASE

DESCRIPTION

Synthetic grease with high lubricating properties. Water repellent, it resists to steam and chemically aggressive environments. Recommended for thermic transfers. Possesses good electrical insulation properties and excellent compatibility with rubbers and plastics. MOSH-MOAH and POSH free lubricant. AL SI 55 is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°160433)

USE

Long-term lubrication of small mechanisms, (threads, joints, guides, locks etc). protection of electrical components, valves, and plastics pieces in food processing. Assembly lubricant for o-ring and joints.

TECHNICAL DATA

- Operating temperatures : -45°C to +250°C
- NLGI Grade: 3

PACKING	REF	
1 KG	TIN	ALSI55B1



LUZOL AL SEMI-SYNTHETIC TRANSLUCENT GREASE

DESCRIPTION

Multi-purpose greases. Good resistance to moist conditions and high temperatures. Non-staining translucent grease. This product is acceptable as a release agent in contact with food (3H), NSF registration N° 130672.

USE

Wine-making industry: wine presses, grape harvesters. Dairy industries, bakeries, biscuit making, etc.

TECHNICAL DATA

- Operating temperature range: -30°C to +160°C
- NLGI Grade: 2

PACKING	REF	
400 G	CARTRIDGE	LUZOLALCA
1 L	TIN	LUZOLALB1
5 L	BUCKET	LUZOLAL5L



M 61 WHITE GREASE FOR HIGH TEMPERATURES

DESCRIPTION

Synthetic grease. Insoluble in water, in liquid oxygen, solvents, acids and bases. MOSH-MOAH and POSH free lubricant. M 61 is registered by NSF International, in category H1. This indicates that it is authorized for use in accidental contact with food. (N°138330)

USE

For all bearings, rollers, pivots, operating in extreme temperature conditions: in the automobile industry for overhead conveyors in paint units, cataphoresis. Lubrication of autoclave seals.

TECHNICAL DATA

- Operating temperature range: -30°C to +250°C (300°C peak)
- NLGI Grade: 2
- Load: 350 kg

PACKING	REF	
160 G	TUBE	M61TB
800 G	CARTRIDGE	M61CA
1 KG	TIN	M61B1



PW 30 AL FOOD GRADE ASSEMBLY PASTE

DESCRIPTION

Whitish paste ensuring a clean lubrication of heavy loaded mechanisms. It possesses special antifriction and extreme-pressure additives to avoid seizing of assembled parts working under severe conditions of charges, vibrations and shocks. PW 30 AL is registered by 2probit, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°1524304)

USE

Plastic injection: moulds ejectors and columns & guides lubrication
Presswork: lubrication of columns and moving parts of cutting tools. Long-term lubrication of all kind of threads, bolts and nuts working under severe conditions, to ease disassembling operations. Assembling steam joints, cable gland, rods and valves joints and miscellaneous assemblies Assembling mechanical parts working at high temperatures.

TECHNICAL DATA

- Greasy lubrication: -40°C to +300°C
- Dry lubrication: up to 450°C.

PACKING	REF	
400 G	TIN	PW30ALB4

WATER RESISTANT GREASES



AGL 80 AL
MOSH-MOAH & POSH FREE WHITE GREASE

DESCRIPTION

Lubricating grease made of biodegradable esters. Its fully synthetic base oil offers an optimised lifetime to lubricated mechanisms. AGL 80 AL has a good resistance to water washout, steam and detergents. It is free from mineral oil (MOSH-MOAH) and free from polyolefin (POSH). AGL 80 AL AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°160760)

USE

Lubrication of bearings in pellet presses and crushing process (trituration). Lubrication of presses and any bearings in the food industry (can production, bevcan process etc). Lubrication of any kind of bearings working under loads, humidity, and a maximum operating temperature of 120°C. Any process in oil-mills. Can also be used in environmentally sensitive industries like marine and shipyard, agriculture, forestry, public works, quarries etc ...

TECHNICAL DATA

- Operating temperatures: -45°C to +120°C
- NLGI Grade: 2
- Load: 315 kg

PACKING		REF
400 G	CARTRIDGE	AGL80ALCA
50 KG	KEG	AGL80AL50



AL BL
EXTREME PRESSURE WHITE GREASE

DESCRIPTION

On account of its technical characteristics, the AL BL grease is extremely resistant with respect to metals and has proven to be well adapted to humid environments; it is highly resistant to water and steam. AL BL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°138272)

USE

Ideal for lubricating smooth bearings, pivots and bearings under high loads in the food processing industries (canning, baking, biscuit, dairy, meat, fish, fruit and vegetable industries or harvesting machinery for example)

TECHNICAL DATA

- Operating temperature range: -20°C to +150°C
- NLGI Grade: 1/2
- Load: 400 kg

PACKING		REF
400 G	CARTUCHO	ALBLCA
1 L	TIN	ALBLB1
5 L	BUCKET	ALBL5L
50 KG	KEG	ALBL50
180 KG	DRUM	ALBLFT

MAINTENANCE LUBRICANTS

PENETRATING OILS



DEGRIPPANT ALIMENTAIRE
MULTIPURPOSE PENETRATING OIL

DESCRIPTION

Lubricating penetrating oil with very low surface tension. Silicone-free and without chlorinated solvents. MOSH-MOAH and POSH free lubricant. DEGRIPPANT ALIMENTAIRE is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°135418)

USE

Quick release of parts seized by oxidation. Maintenance and cleaning of all mechanisms. Cutting, stamping and low deformation on steel and its alloys.

TECHNICAL DATA

- Flash point: +56°C
- Non-flammable propellant: CO2

PACKING		REF
650 / 400 ML	AEROSOL	DGTALA2

CHAIN AND CABLE LUBRICANTS

NSF

MOSH MOAH
free lubricants

MOLYDAL
green lubricants



NS 100 AL

ECOFRIENDLY LUBRICANT FOR CHAINS, MOSH, MOAH, POSH FREE

DESCRIPTION

Ecofriendly synthetic chain oil specifically designed to stand very low and very high temperatures. good resistance in damp and dusty environment. Clean lubricant that doesn't leave any carbonisation residual and it doesn't pollute chains or painted parts. Free from MOSH-MOAH and POSH. NS 100 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°165256)

USE

Freezing industries. Chain lubrication for ovens, conveyors, bottling lines, food processing etc Packaging machines or printing machines' Guides and columns lubrication.

TECHNICAL DATA

- Operating temperatures: -40°C to +250°C
- Viscosity @ 40°C : 100 cst
- > 95% of «easily biodegradable» raw material (OECD 301)
- RM : > 80%

PACKING	REF	
5 L	JERRYCAN	NS100AL5L

NSF



NS 50 AL

LOW TEMPERATURE CHAIN LUBRICANT

DESCRIPTION

Synthetic base oil specially formulated for very low temperatures. Thanks to its low viscosity, it has substantial penetrating power into the chain links. MOSH-MOAH free lubricant. NS 50 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°128225)

USE

Lubrication of transmission chains in the deep-freezing industry. Generally, all types of drive chains that operate in very low temperature conditions.

TECHNICAL DATA

- Operating temperature range: -50°C to +200°C
- Viscosity @ 40°C: 90 cst

PACKING	REF	
5 L	JERRYCAN	NS50AL5L

NSF



NS 40 AL

CHAIN LUBRICANT

DESCRIPTION

Mineral base oil, specially formulated for lubricating chains and cables in the food industries. Good anti-wear qualities, clean lubrication. NS 40 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°128224)

USE

Lubrication of all types of drive chains, lifting chains, packaging chains, etc. Used in food industries.

TECHNICAL DATA

- Operating temperature range: -20°C to +160°C
- Viscosity @ 40°C : 165 cst

PACKING	REF	
5 L	JERRYCAN	NS40AL5L
215 L	DRUM	NS40ALFT

NSF



FILLMORE AL

CHAIN LUBRICANT

DESCRIPTION

Very high adherent properties. Synthetic foaming oil, completely insoluble in water. FILMORE AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°142222)

USE

For all drive chains, conveyors, and lifting chains used during the manufacture or packaging of food or pharmaceutical products. Sterilisation, bottling, food handling and fermentation lines, as well as ovens in the agro-food industry. For all types of mechanisms or gears operating at high speed.

TECHNICAL DATA

- Operating temperature range: -20°C to +180°C
- Non-flammable propellant: CO2

PACKING	REF	
650 / 400 ML	AEROSOL	FILLALA2

NSF



BG 267 AL

LUBRICANT FOR CHAINS AND MECHANISMS

DESCRIPTION

Lubricating oils for sugar turbines; fully dissolves sugar residuals and brings excellent lubrication. BG 267 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°137919)

USE

Lubrication of any machinery in agroffod industries (packaging, food processing machineries etc)

TECHNICAL DATA

- Operating temperatures: -5°C to +100°C

PACKING	REF	
5 L	JERRYCAN	BG267AL5L

PLASTIC INJECTION



P 716
ANTI-STICKING LUBRICANT ECOFRIENDLY

DESCRIPTION

Synthetic and multipurpose lubricant that can be used for assembling, releasing, unmoulding and lubricating operations in any kind of industries such as agrofood or automotive. Free from any mineral resources: exclusively formulated from renewable materials. MOSH-MOAH and POSH free lubricant. P 716 is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°162094).

USE

PET bottles lubrication. Lubrication of preforms. Any kind of anti-sticking application, mould releasing process etc...

TECHNICAL DATA

- Operating Temperatures range:-20°C to 200°C
- Viscosity @ 40°C: 42-50 cst
- 100% of «easily biodegradable» raw material (OECD 301)
- Renewable raw material: > 80%

PACKING	REF	
5 L	JERRYCAN	P7165L
20 L	JERRYCAN	P71620



PERF 80 NF
SYNTHETIC FLUID

DESCRIPTION

Fluorinated oil for extreme applications. Compatible with all types for metal. Long duration lubrication at very low or very high temperatures, as well as in corrosive chemical conditions. Colourless, non-staining product. MOSH-MOAH and POSH free lubricant. PERF 80 NF is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°130671).

USE

Mould-ejector lubricant. For lubrication or help with assembly for rubber / metal or rubber / rubber contact, for assembling watertight joints.

TECHNICAL DATA

- Temperature resistance:-50°C to +270°C
- Flash point: none
- Non-flammable propellant

PACKING	REF	
650 / 400 ML	AEROSOL	PERF80NFA2



SIL 172 AL
SILICONE OIL

DESCRIPTION

Solvent treated silicone oil, antistatic. Waterproof. Good resistance to aggressive chemicals. MOSH-MOAH and POSH free lubricant. SIL 172 AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (Vrac : n°129605) (Aérosol : n°164224)

USE

Lubrication and mould release agent, all types of materials. Rubber mould release agent. Lubrication of guillotine blades and cylinders in the paper, printing and plastics industries.

TECHNICAL DATA

- Flash point: > 62°C vrac
- Propellant gas: butane / propane

PACKING	REF	
650 / 500 ML	AEROSOL	SIL172ALA2
20 L	JERRYCAN	SIL172AL20



SILICONE AL
SILICONE OIL

DESCRIPTION

Antistatic, Water repellent. Good resistance to aggressive chemical and atmospheric agents. Guaranteed free from chlorine solvents. MOSH-MOAH and POSH free lubricant. SILICONE AL is registered by NSF International, in category H1. This indicates that it is authorized for use in incidental contact with food. (N°138343)

USE

For lubrication, mould release, waterproofing and antistatic protection. Agro-food industry: Bearing shells and gears subject to light loads. Precision instruments in laboratories and in the clock making industry. For all lightly loaded mechanisms and metal to plastic and plastic to plastic friction.

TECHNICAL DATA

- Non-flammable propellant: CO2

PACKING	REF	
650 / 400 ML	AEROSOL	SILALA2

LUBRICATING OILS



H VG

MOSH-MOAH AND POSH FREE LUBRICANT - LUBRICATING FLUID FOR DIRECT CONTACT

DESCRIPTION

Clean and general-purpose lubricant recommended for lubrication operation, cutting or light stamping in all fields of activities in the food industry. Free from silicone, allergens and GMO. This product is also acceptable for use as a release agent on grills, ovens, loaf pans, boning benches, chopping boards or other hard surfaces in contact with food. MOSH-MOAH and POSH free lubricant. H VG is registered by NSF International, in category H1 and 3H. This indicates that it is authorized for use in incidental and direct contact with food. (N°162091). H VG contains 100% USDA certified biobased content.

USE

Lubrification de tapis et de chaînes de transfert des aliments.

TECHNICAL DATA

- Viscosity @ 40°C: 40 cst
- 100% of «easily biodegradable» raw material (OECD 301)
- RRM: 100%

PACKING	REF	
20 L	JERRYCAN	HVG20_
200 L	DRUM	HVGFT



AIR S22 AL

OIL FOR FRL CIRCUIT, MOSH / MOAH / POSH FREE

DESCRIPTION

For a clean lubrication operation of compressed air tools, pumps and compressed air appliances. Better performance for mechanisms. Approved by 2probability.eu, in category H1 Registration CA1824301.

USE

Lubrication of all compressed air circuits and protection of pumps, compressed air tools and appliances operating with compressed air in all moist, dusty, corrosive and hot conditions.

TECHNICAL DATA

- Operating temperature range: -20°C to +150°C
- Viscosity @ 40°C: 22 cst
- MPR > 80%

PACKING	REF	
1 L	CAN	AIRS22ALB1
5 L	CAN	AIRS22ALS



HR 100 AL - 150 AL - 220 AL - 320 AL - 460 AL

GEAR OILS

DESCRIPTION

Colorless and odorless gear oils. Those fluids are NSF registered in the H1 category. They can be used for any incidental contact with foodstuffs. N°142600 for HR 100 AL, 142601 for HR 150 AL, 142602 for HR 220 AL, 142603 for HR 320 AL, 142604 for HR 460 AL)

USE

For lubrication of loaded and medium-loaded gearboxes and gears located close to foodstuffs.

TECHNICAL DATA

- Viscosity @ 40°C : 100 Cst for HR 100 AL
- Viscosity @ 40°C : 150 Cst for HR 150 AL
- Viscosity @ 40°C : 220 Cst for HR 220 AL
- Viscosity @ 40°C : 320 Cst for HR 320 AL
- Viscosity @ 40°C : 460 Cst for HR 460 AL

CONDITIONNEMENT	REF	
20 L	JERRYCAN	HR100AL20
20 L	JERRYCAN	HR150AL20
20 L	JERRYCAN	HR220AL20
20 L	JERRYCAN	HR320AL20
20 L	JERRYCAN	HR460AL20
220 L	DRUM	HR150ALFT
220 L	DRUM	HR320ALFT



HYDRO 32 AL - 46 AL - 68 AL

HYDRAULIC OILS

DESCRIPTION

Comprised of highly-refined mineral-base oils and specific additives. Excellent viscosity behaviour / temperature and highly resistant to oxidation and ageing. Oils are registered by NSF International, in category H1. This indicates that they are authorized for use in incidental contact with food. (N°140564 for HYDRO 32 AL, 140565 for HYDRO 46 AL and 140566 for HYDRO 68 AL)

USE

For the food processing industries. Lubrication of hydraulic circuits and jacks (grape harvesters, wine presses, etc.) Also used for bearing lubrication (canning plants, bakeries, etc.) and HM type hydraulic controls.

TECHNICAL DATA

- Viscosity @ 40°C: 32 Cst for HYDRO 32 AL
- Viscosity @ 40°C: 46 Cst for HYDRO 46 AL
- Viscosity @ 40°C: 68 Cst for HYDRO 68 AL

CONDITIONNEMENT	REF	
20 L	JERRYCAN	HYDRO32AL20
20 L	JERRYCAN	HYDRO46AL20
20 L	JERRYCAN	HYDRO68AL20
220 L	DRUM	HYDRO46ALFT

UNIVERSAL SOLVENT-BASED DEGREASERS



STARNET+

QUICK EVAPORATING MULTIPURPOSE WORKSHOP CLEANER

DESCRIPTION

Spray cleaner with very strong solvent properties. Guaranteed chlorine-free, HCFC-free and ethylene-glycol free. Inert on rubbers and most plastics (test to be carried out before use). Dry surface condition after evaporation in a few seconds. STARNET+ is registered by NSF International, in category K1. This indicates that it is authorized for use in incidental contact with food. (N°162096).

USE

For all degreasing operations on all metals where quick evaporation is required. Elimination of greases, oils and sludge. Ideal before gluing, painting and reassembly of parts. Cleaner for electrical contact usable off.

TECHNICAL DATA

- Non-flammable propellant: CO2

PACKING		REF
650 / 500 ML	AEROSOL	STARNET+A2



KL AL

COLD DEGREASING AGENT

DESCRIPTION

Universal degreasing agent for incidental contact with foodstuffs. Guaranteed chlorinated solvent-free, HCFC-free and ethylene-glycol free. Compatible with all metals and most plastics. KL AL is registered by NSF International, in category K1. This indicates that it is authorized for use in incidental contact with food. (N°128922)

USE

Elimination of greases, oils for food and food processing industries. Cleaning of mechanical parts in contact with sugar, jaws of bottling machines, crimping knurls, etc. Can be used to degrease disassembled electrical and electronic equipment (windings, collectors, etc.).

TECHNICAL DATA

- Flash point: 62°C
Indice KB : 28

PACKING		REF
200 L	DRUM	KLALFT



KL 50 AL

COLD DEGREASING AGENT

DESCRIPTION

Universal degreasing agent for incidental contact with foodstuffs. Guaranteed chlorinated solvent-free, HCFC-free and ethylene-glycol free. Compatible with all metals and most plastics. KL 50 AL is registered by NSF International, in category K1. This indicates that it is authorized for use in incidental contact with food. (N°142221)

USE

Elimination of greases, oils for food and food processing industries. Cleaning of mechanical parts in contact with sugar, jaws of bottling machines, crimping knurls, etc.

TECHNICAL DATA

- Non-flammable propellant: CO2

PACKING		REF
650 / 400 ML	AEROSOL	KL50ALA2

UNIVERSAL NON-SOLVENT DEGREASERS



KL 9 H

ECOFRIENDLY AQUEOUS DEGREASING CLEANER

DESCRIPTION

Ready for use. Renewable raw material-based. V.O.C free, petroleum-based solvent free, chlorine free, EDTA free, glycol free. MOSH-MOAH and POSH free cleaner. KL 9 H is registered by NSF International, in category A1. This indicates that it is authorized for use in incidental contact with food. (N°162092).

USE

Easily removes greases, oils and sludge, waxy or oily rust preventatives in agro-food industries. Can be sprayed, used in a tank, with a brush, with cloths, in floor washers and part-washers.

TECHNICAL DATA

- Operating temperature range: 0°C to +100°C
PH : 8,90- 9,00

PACKING		REF
750 ML	TRIGGER SPRAY	KL9HPULVE
5 L	JERRYCAN	KL9H5L
20 L	JERRYCAN	KL9H20
200 L	PLASTIC DRUM	KL9HFT

A French company on a human scale engaged in certification and approval processes, MOLYDAL continues to consolidate its presence in Europe and pursue its development worldwide. The company's know-how has enabled it to offer a complete range of products and equipment intended for all business sectors (Metalwork, food industries, sugar industries, iron industry, granulation industry, plastic injection, automotive, energy, etc.), where certain approvals are sometimes required (PMUC, NSF, etc.).

THE MOLYDAL VALUES

- Quality policy with a product range designed in compliance with all regulations in force.
- Environmental policy with an eco-responsible product range, with performance equal or superior to current oil solutions.
- Innovation policy with the formulation and testing of the products of tomorrow by the integrated R&D laboratory.

THE MOLYDAL OBJECTIVES

- Pursue the development of the products and materials range to help industries to optimize the profitability of their processes.
- Pursue the company's partnership with various industries to optimize its range of products adapted to the specific features and/or the constraints of manufacturing processes.

THE MOLYDAL SERVICES

- Technical solutions to specific industrial problems: customised recommendations and analysis.
- Responsive teams nearby for a personalised local service.
- The resumption of our chlorinated and non-chlorinated used products (field in keeping with waste recovery).

YOUR REPRESENTATIVE:



Molydal's Quality, Health, Safety and Environment management system is ISO 9001 and MASE certified, a guarantee of compliance with health, safety and environmental rules on our site and during onsite interventions.



Z.A.E.T - 221, RUE PAUL LANGEVIN - 60740 SAINT-MAXIMIN - FRANCE

Tel : +33 (0)3 44 61 76 76 Fax : +33 (0)3 44 25 17 78

www.molydal.com Contact : contact@molydal.com