Since 1958 MOLYDAL have always been a major actor in the development of technical lubricants. MOLYDAL help optimize industrial machinery lifetime, improve operators' safety and operational profitability.

Thanks to its important know-how, MOLYDAL have become a main supplier for the food processing industry, sugar plants, wood pellet plants, iron & steel industry, plastic injection, automotive industry, energy etc

To carry out customers need in preventive and curative maintenance, MOLYDAL offer a wide range of products:

- From standard to specific lubricants: high and slow speed applications, wet or chemically aggressive surroundings, food plant etc...

- Environmentally friendly lubricants designed by our R&D department (VOC free or biodegradable)

- Lubrication systems for an optimized management of your greasing chart (lubricants and working-time savings): manual or electric grease pumps, centralized systems, MQL systems ....

A team of professionals is at your service to help you look for what you need and to offer tailor-made solutions.
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# GREASES & PASTES

## MULTI-PURPOSE GREASES

### EP2 MULTI-PURPOSE GREASE

**DESCRIPTION**
High pressure resistance. Extremely stable during work and in storage. Lithium soap thickener.

**USE**
For all types of bearings, ball joints, axles, racks, pivots, etc. For all public works materials, agricultural machines, lifting and transport machines. For automotive lubrication, etc.

**TECHNICAL DATA**
- Operating temperature range: -25°C to +140°C
- NLGI Grade: 2
- Load: 315 kg

<table>
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<tr>
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<td>MULTIS0</td>
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<td>180 KG</td>
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### EP MULTI-PURPOSE MOLYBDENUM DISULPHIDE GREASE

**DESCRIPTION**
The molybdenum disulphide ensures dry lubrication in case of accidental lack of lubrication. Good resistance to water washout.

**USE**
Degreasing of parts subject to vibration, impact and repetitive stops and starts. Lubrication of mechanical parts subject to heavy loads and high speeds.

**TECHNICAL DATA**
- Operating temperature range: -20°C to +150°C
- NLGI Grade: 2
- Load: 315 kg

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<td>1 L</td>
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### LCH 250

**HIGH TEMPERATURE AND EXTREME PRESSURE STICKY GREASE**

**DESCRIPTION**
With complex soap base, excellent stability during work and in high temperatures. High resistance to water, even under pressure.

**USE**
For all types of bearings or mechanisms subject to severe load, and temperature conditions. Rolling mill bearings under spraying and in moist conditions. Bearings, locks, farm machinery, cement plants, hydroelectric power stations, etc.

**TECHNICAL DATA**
- Operating temperature range: -25°C to +160°C
- NLGI Grade: 2
- Load: 315 kg

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<td>LCH250S0</td>
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### SCA 200

**EXTREME PRESSURE CALCIUM SULFONATE GREASE**

**DESCRIPTION**
Thickener: calcium sulfonate. Exceptional water resistance, even under high pressure (excellent mechanical stability).

**USE**
For mechanical parts operating under very high loads and in very wet conditions. Especially suitable for extreme mechanical conditions found in iron & steel facilities, paper mills, sugar refineries, cement plants, lubrication in offshore environments, etc.

**TECHNICAL DATA**
- Operating temperature range: -20°C to +180°C
- NLGI Grade: 2
- Load: 500 kg

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<td>SCA200S0</td>
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<tr>
<td>200 KG</td>
<td>SCA200FT</td>
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### GRAISSE 3790

**MARINE GREASE**

**DESCRIPTION**
Lithium/calcium thickener. Highly adhesive and stringy.

**USE**
For all parts subject to water projection or immerged: Bearings, rollers, pumps, valves and taps. Water purification plants, hydroelectric power stations, canneries, etc.

**TECHNICAL DATA**
- Operating temperature range: -30°C to +140°C
- NLGI Grade: 2
- Load: 315 kg

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<td>180 KG</td>
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</table>
FOOD GREASES

FUTURA
STICKY MULTI-PURPOSE GREASE IN AEROSOL

DESCRIPTION
For all moving and/or difficult access mechanisms. Resistance to water washout. Light colour

USE
Moving mechanisms (chains, wheels, etc.). Axles and bearings running at low speed with high loads. Sectors: electromechanics, paper mills, brick factories, cement plants, etc.

TECHNICAL DATA
Operating temperature range: -20°C to +150°C

PACKING REF
800 ML FUTUA3

AGR 100
BIODEGRADABLE MULTIPURPOSE WATER RESISTANT GREASE

DESCRIPTION
AGR 100 is made from vegetal oil and ester. It is a biodegradable grease with a calcium soap. It is a multipurpose grease to be used in environmentally sensitive areas. Its formulation complies with the standards of respect for the environment and of sustainable development promotion.

USE
Lubrication of bearings and any other mechanical organs in agriculture or transportation industries. General lubrication of any parts where environmental pollution is prohibited. Quarries, public works, wood industry, forestry, transportation etc...

TECHNICAL DATA
Operating temperature range: -45°C to +100°C
NLGI Grade: 2
Biodegradability OECD 301 B > 90 %

PACKING REF
400 G AGR100CA
50 KG AGR10050
180 KG AGR100FT

AL TL
TRANSLUCENT GREASE IN AEROSOL FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1; registration 137144. Suits effectively to damp environments (water spray or immersion of mechanical parts)

USE
For all food processing industries, in manufacturing lines or packaging of food (grinders, mixers and processors, etc.).

TECHNICAL DATA
Operating temperature range: -15°C to +120°C (+140°C peak)
NLGI Grade: 2

PACKING REF
650 ML ALTLA2

LUZOL AL
SEMI-SYNTHETIC TRANSLUCENT GREASE FOR CONTACT WITH FOODSTUFFS

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1; registration 130672. Multi-purpose greases. Good resistance to moist conditions and high temperatures. Non-staining translucent grease.

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 LUZOLALCA
1 L LUZOLALB1
5 L LUZOLAL5L
50 KG LUZOLAL50

AL BL
EXTREME PRESSURE WHITE GREASE FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1; registration 138272. Mineral-based oil, complex calcium thickener. Easy to pump, stable during storage and very corrosion-proof, ensuring the equipment remains in good condition.

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 ALBLCA
1 L ALBLB1
5 L ALBL5L
50 KG ALBL50
180 KG ALBLFT

Consult the technical sheets on molydal.com
AGL 65 AL
EXTREME PRESSURE GREASE FOR ACCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1; registration 147547. 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.

USE
Bearing lubrication, axes 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
400 G AGL65ALCA
50 KG AGL65AL50
180 KG AGL65ALFT

AGL 80 AL
MOSH-MOAH & POSH FREE WHITE FOOD GRADE GREASE

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1; registration 160760. Lubricating grease made of biodetable esters. It is free from mineral oil (MOSH-MOAH) and free from polyolefin (POSH). 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.

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

PACKING REF
50 KG AGL80AL50
400 G AGL80ALCA

M 61
GREASE FOR HIGH TEMPERATURES AND INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Synthetic grease approved by NSF on the requirements of the FDA, in category H1; registration 138330. Insoluble in water, in liquid oxygen, solvents, acids and bases. MOSH-MOAH and POSH free lubricant.

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 M61TB
800 G M61CA
1 KG M61B1

HIGH-TEMPERATURES GREASES

MO/4
INFUSIBLE HIGH TEMPERATURES MOS2 GREASE

DESCRIPTION
Mineral oil thickened by an inorganic thickener and molybdenum disulphide additive. High resistance to loads and shocks. Can be used in aggressive conditions.

USE
For all types of ball bearings, rollers subject to high temperatures but at low speeds. Ovens, mixers, fan bearings, drying coils, etc.

TECHNICAL DATA
Operating temperature range: -20°C to +180°C (+220°C peak)
NLGI Grade: 2

PACKING REF
1 L MO4B1
50 KG MO450

GRAISSE 3800
INFUSIBLE GREASE FOR HIGH TEMPERATURES

DESCRIPTION
With a synthetic oil base and an inorganic gelling agent. Remains stable and does not run.

USE
Bearings or pivots. Overhead conveyor rollers, oven fan bearings, mixers, parts subject to low temperature and operating at moderate speeds...

TECHNICAL DATA
Operating temperature range: -50°C to +250°C
NLGI Grade: 1/2

PACKING REF
350 G GR3800CA
**SEALING GREASES**

### VASELINE TECHNIQUE

**GREASING AND SEALING COMPOUND**

**DESCRIPTION**
Sealing grease that is neutral on most elastomers. Does not harden. Usable in fortuitous contact with food. Approved for the food industry certified by the National Sanitation Foundation (NSF), which is based on the Food and Drug Administration’s (FDA) class H1 requirements (Registration number 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: 4/5

**PACKING**
- REF: 1 L VASESPE81

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### AL SI 55

**FOOD GRADE SILICONE GREASE**

**DESCRIPTION**
Synthetic grease with high lubricating properties. Water repellent, it resists to steam and chemically aggressive environments. Recommended for thermic transfers. Posses good electrical insulation properties and excellent compatibility with rubbers and plastics. MOSH-MOAH and POSH free lubricant.

**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.

**PACKING**
- 1 KG ALSI55B1
- 180 KG ALSI55FT

---

### LUZOL 340 EP 1

**STICKY GREASE RESISTANT TO WATER WASHOUT**

**DESCRIPTION**
Grease with a high-viscosity mineral oil base (340 mm²/s at 40°C), and a complex soap. Excellent resistance to water, loads and temperature. Offers high corrosion protection, ensuring the equipment remains in good condition (inter-campaign or maintenance periods).

**USE**
Recommended for all parts subject to difficult conditions of use: sugar industry, industrial laundries, shakers, worm screws. Iron and steel works, stanchions of rolling mills, rolling mill train, etc.

**TECHNICAL DATA**
- Operating temperature range: -25°C to +160°C - NLGI Grade: 1/2 - Load: 315 kg

**PACKING**
- REF: 180 KG LUZOL340EP1FT

---

### LUZOL HP CX 450

**EXTREME PRESSURE AND HIGH TEMPERATURE GREASE WITH A HIGH-VISCOITY MINERAL OIL BASE**

**DESCRIPTION**
Does not run at high temperatures, high mechanical stability, no oil separation. Ensures long life for parts and the machine following a decrease in wear.

**USE**
For lubricating bearings of rollers of wood pelleting presses. Approved by Promill.

**TECHNICAL DATA**
- Operating temperature range: -20°C to +160°C - NLGI Grade: 1 - Load: 620 kg

**PACKING**
- 50 KG LUZOL45050
- 180 KG LUZOL450FT

---

### LUZOL P460

**HIGH-TEMPERATURE AND EP GREASE FOR WOOD PELLET PRESSES**

**DESCRIPTION**
Specifically designed for lubrication of the bearings of pellet press rollers. Such a grease is needed to stand high temperatures, and extreme charges and stresses of pellet processing. The blend of special thickeners allows a constant penetration of the grease into the bearings even at high temperatures. It ensures a longer lifetime of bearings.

**USE**
Lubrication of wood pellet presses bearings. Lubrication of any bearings in hot and fast working processes.

**TECHNICAL DATA**
- Operating temperatures range: -20°C to +180°C (+200°C peak) - NLGI Grade: 1/2 - Load: 600 kg

**PACKING**
- 50 KG LUZOLP46050
- 180 KG LUZOLP460FT

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**Consult the technical sheets on molydal.com**
GREASES & PASTES

**OPEN GEAR 844 DTZ**

GEAR AND CABLE GREASE

**DESCRIPTION**

**USE**
For cables and gears subject to high loading, and generally for all slow, driven and open mechanisms.

**TECHNICAL DATA**
Operating temperature range: -20°C to +160°C. Load: 500 kg

**PACKING**
800 ML — O84AA3

**LCH 500**

ADHESIVE MOS2-BASED GREASE

**DESCRIPTION**
Lubrication of any heavily-loaded mechanism. It possesses antitrust and extreme pressure properties, reinforced by molybdenum disulphide.

**USE**
For any bearing or mechanism working under severe charges or temperatures, suitable for railway equipment (ie: bumpers).

**TECHNICAL DATA**
Operating temperatures range: -20°C to +160°C. NLGI Grade: 2. Load: 500 kg

**PACKING**
5 L — LCH5005L
50 KG — LCH50050

**AGL 41 NF**

SPRAY-APPLICATION GREASE FOR OPEN GEARS

**DESCRIPTION**
For parts subject to high loads and vibrations. Perfectly adapted to damp, dusty and chemical atmospheres. Very good mechanical and thermal stability. Contains no lead or solvents.

**USE**
Lubrication of slewing rings and rotary furnaces tyres of bare gears in such different sectors as: Chemical industries, cement works (rings), iron and steel works, sugar mills and paper mills Wood industries. Lubrication of rollers, civil engineering machinery and installations and machinery in the iron and steel industry. Semi-trailer fifth wheels, slides, lift or cab guides, crane masts.

**TECHNICAL DATA**
Operating temperature range: -20°C to +140°C. NLGI Grade: 0. Load: 500 kg

**PACKING**
50 KG — AGL41NF150
180 KG — AGL41NF1FT

**TGV 2000**

GREASE FOR LOW TEMPERATURES AND HIGH SPEEDS

**DESCRIPTION**
Mineral grease for systems operating at high speeds. Good resistance of the grease to centrifugation.

**USE**
For all types of bearings, rollers or mechanisms operating at very high speeds. For slides and guide columns with very fast sequential movements. Bearings of spindle machining centres.

**TECHNICAL DATA**
Operating temperature range: -30°C to +150°C. NLGI Grade: 2. NDN Factor: 1 000 000

**PACKING**
400 G — TGV2000CA

**LCH 600**

HIGH SPEED AND HIGH TEMPERATURE GREASE

**DESCRIPTION**
High tech grease with outstanding chemical and physical properties to allow its use over a long period of time at very high temperature. This complex lithium soap grease is specially designed to also work under severe loads even in humid environment. Superior additivation: against oxidation, anti-wear, and giving resistance to heavy loads and stokes are giving this grease the properties to match difficult lubrication requirements.

**USE**
For all type of bearing, submitted to severe condition of use, speed and temperature. Lubrication of paper machine bearings, textile machines, electric motors, hot gas fans, drying ovens ... Lubrication of bearings of high speeds and high temperatures.

**TECHNICAL DATA**
Operating temperature range: -20°C to +160°C (180°C peaks). NLGI Grade: 2. NDN Factor: 800 000

**PACKING**
400 G — LCH600CA
ASSEMBLY COMPOUNDS

DELTA SPRAY
GRAPHTOE ASSEMBLY COMPOUND

DESCRIPTION
Preventive treatment against fretting corrosion. Compound with a high concentration of molybdenum disulphide (MoS2). High resistance to pressure and adhesion. Black colour.

USE
Compound for lubrication (pivots, slides, gears, etc.) and assembly (assemblies, cottering, threading, etc.) of all mechanical parts subject to very high loads and vibrations.

TECHNICAL DATA
Operating temperature range: -35°C to +420°C

PACKING REF
650 ML DELTA2

GRIPCOTT NF
HIGH TEMPERATURE ASSEMBLY COMPOUND ALUMINIUM

DESCRIPTION
Synergistic mixture of micronised metals (Cu, Al, C). Ensures very good protection of parts in extreme temperature and chemical or atmospheric corrosion conditions. Silver colour.

USE
For static mechanical parts or those working at very low speeds. Assembly of nuts and bolts, etc. subject to very high temperatures in order to facilitate dismantling.

TECHNICAL DATA
Operating temperature range: -25°C to +1000°C
NLGI Grade: 1/2

PACKING REF
140 G GRNFTB
650 ML GRNA2
1 KG GRNFB1

THERMOLUB SP
HIGH TEMPERATURE COPPER ASSEMBLY COMPOUND

DESCRIPTION
Smooth compound with copper that facilitates use. Does not dry over time. Completely insoluble in water, steam and diluted acid. Perfectly adapted to a large number of plastic injection applications.

USE
Seizure and corrosion prevention for mechanical parts and assembly of screwed assemblies, at very slow speeds and high temperatures. Lubrication of valves, slides, etc.

TECHNICAL DATA
Greasy lubrication: -20°C to +140°C
Dry lubrication: +1200°C
NLGI Grade: 1

PACKING REF
1 KG THSPB1

NB 1200
BORON NITRIDE ASSEMBLY COMPOUND

DESCRIPTION
White colour compound for excellent resistance to water, steam and aggressive atmospheres. Reduces fretting corrosion and meets nuclear requirements of under 200 ppm of halogen and sulphur.

USE
Lubrication of highly loaded mechanisms subject to slow speeds, impacts and vibrations, or to high temperatures. Ideal for the lubrication of plastic injection mould columns.

TECHNICAL DATA
Greasy lubrication: -20°C to +160°C
Dry lubrication: +1200°C
NLGI Grade: 1/2

PACKING REF
1 L NB1200NUB1

MULTIGRAPH SP 35
INFUSIBLE GRAPHITE ASSEMBLY COMPOUND

DESCRIPTION
Assembly compound for lubricating mechanisms subject to heavy loads and slow speeds. Thanks to its high graphite concentration, it helps prevent equipment subject to heavy loads, impacts or vibrations from seizing up. Excellent resistance to water, temperature, steam and aggressive atmospheres. Also reduces fretting.

USE
For all heavy industries: iron and steel, glass-making, cement plants, chemicals... Parts to be lubricated: fittings, cotterings, fluted shafts, gear teeth, nuts and bolts, etc. Lubrication of seals, valves, taps, cable glands... Casting works: Lubrication of mechanisms for the control of spouts (rotary or slide valve system). Piston rods, converter bearings.

TECHNICAL DATA
NLGI Grade: 1/2
Load: 500 kg
Greasy lubrication: -50°C to +250°C
Dry lubrication: To +900°C

PACKING REF
5 KG MULTIRSP35K
50 KG MULTIRSP350
LUBRICANTS FOR CHAINS AND CABLES

VEGA 908
ECOFRIENDLY LUBRICANT FOR CHAINS AND CABLES

DESCRIPTION
Without safety labelling. Renewable raw materials-based, used for lubrication in moist conditions. Suitable for lubrication in moist conditions. Smooth and adherent with good anti-wear qualities. Strong penetrative properties for homogeneous spreading of lubricant up to the centre of link shafts.

USE
For conveyor and quenching chains, paint oven and screen printing ovens. Used in all types of industry, automobile industry, tin cans, sugar, chemicals, etc.

TECHNICAL DATA
Operating temperature range: -30°C to +140°C
RRM: 100%
Viscosity @ 40°C: 160 Cst

PACKING REF
650 ML VEGA908A2
20 L VEGA90820
200 L VEGA908FT

VEGA 68
ECOFRIENDLY CHAIN LUBRICANT

DESCRIPTION
Ester-based chain oil made from renewable raw materials. Produced without any environmental restriction. Made to be completely harmless to operators. Designed to be used in humid conditions (resist water wash-out). VEGA908 is adhesive and offers superior anti-wear properties.

USE
Lubrication of chains in dusty environments. Lubrication of guides and slides. Highly resistant to water-washout. Pulp & paper, wood industry etc...

TECHNICAL DATA
Operating temperature range: -30°C to +200°C. RRM: > 86%. Viscosity @ 40°C: 68 Cst.

PACKING REF
20 L VEGA6820
200 L VEGA68_FT

NS 250
HIGH TEMPERATURES CHAIN OIL

DESCRIPTION
High temperatures chain oil, used in severe working conditions (heat, humidity etc).

USE
For conveyor and quenching chains, paint oven and screen printing ovens. For transmission chains in the wall covering and dying industries, etc. Can be used by immersion, brush application, drip feed or by spraying. Pas de résidus de carbonisation.

TECHNICAL DATA
Operating temperature range: -30°C to +260°C
Viscosity @ 40°C: 180 Cst

PACKING REF
650 ML NS250A2
5 L NS2505L
200 L NS250FT

FILLMORE
ADHESIVE LUBRICANT

DESCRIPTION
Very high adherent properties. Mineral-based oil. Completely insoluble in water, even under pressure.

USE
For all mechanisms exposed to intense water projection or working under water. Suitable for chains with crimped links. Cable protection. Windscreen wiper shafts, door linkages, Bowden cables, lock cylinders and hinges. Bottling lines. Bridge cranes.

TECHNICAL DATA
Operating temperature range: -20°C to +160°C

PACKING REF
800 ML FILLA3

FILLMORE AL
CHAIN LUBRICANT FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Very high adherent properties. Huile de synthèse d’aspect moussant, approved by NSF on the requirements of the FDA in category H1; registration 142222. Completely insoluble in water.

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

PACKING REF
650 ML FILLALA2
NS 50 AL
LOW TEMPERATURE CHAIN LUBRICANT FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Synthetic base oil specially formulated for very low temperatures. Thanks to its low viscosity, it has substantial penetrating power into the chain links. Classed as NSF H1 Registration: 128225. MOSH-MOAH free lubricant.

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 +160°C
Viscosity @ 40°C: 90 Cst

PACKING REF
5 L NS50ALSL
1000 L NS50ALCO

AMBRINE AIR ALIMENTAIRE
OIL FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
For the proper operation of compressed air tools, pumps and compressed air appliances. Better performance for mechanisms. Approved by NSF on the requirements of the FDA, in category H1 Registration 126640.

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: -15°C to +150°C
Viscosity @ 40°C: 22 Cst

PACKING REF
1 L AMBRB1
5 L AMBR5L

USAGOL AL
WHITE LUBRICATING OIL FOR INCIDENTAL CONTACT WITH FOODSTUFFS

DESCRIPTION
Medium viscosity mineral oil Approved by NSF on the requirements of the FDA, in category H1, registration: 130364. Silicone-free, and inert on most seals. Compatible with all type of materials including most elastomers and plastics. Colour: colourless.

USE
Lubrication of all mechanisms in the food sector: lines, bottling lines, hinges, filters, jacks, moulds, etc. Lubrication of compressed-air circuits, machines for knitting food sacks (sugar, spices, coffees, etc.) Can be used with a drip feed, manual roller, roller machine, an airless spray or with low-pressure air.

TECHNICAL DATA
Operating temperatures: -20°C to +200°C
Viscosity @ 40°C: 32 Cst

PACKING REF
650 ML USALA2
20 L USAL20

V7 BIO
ECOFRIENDLY LUBRICATING PENETRATING OIL

DESCRIPTION
V.O.C-free lubricating penetrating oil, and with very low surface tension. Without safety labelling. Penetrating oil, anti-rust, and anticorrosion. Does not stain parts.

USE
For a quick release of parts seized by oxidation: Nuts and bolts, screwed assemblies, locks, slides, piston rods, etc. Lubrication: cutting, stamping and low deformation on steel and alloys. Tapping and drilling.

TECHNICAL DATA
Flash point: > 100°C

PACKING REF
5 L V7BIOSL
**TOP TEN**

**MULTI-PURPOSE LUBRICANT - PENETRATING OIL**

**DESCRIPTION**
- Penetrates the smallest gaps of the metal. Releases heavily corroded mechanisms. Lubricates small mechanisms. Displaces water. Protects against oxidation and displaces moisture from electric and electronic circuits and devices.

**USE**
- Any industries. Lubrication of hinges, guns etc. Eliminates soils and dirt. Protection of moulds and dies, foundry tools, glasswork tools, stamping and cutting tools, plastic injection moulds etc.

**TECHNICAL DATA**
- Propellant gas: butane / propane

---

**TOP 5**

**MULTI-FUNCTION LUBRICATING - PENETRATING OIL**

**DESCRIPTION**

**USE**
- Storage of machined or cut-out parts. Protection of moulds and foundry and glass-making tools. Protection of sporting guns. Lubrication of chains in moist and oxidising conditions. Greasing of all locks, hinges, etc.

**TECHNICAL DATA**
- Non-flammable propellant: CO₂

---

**DEGRIPPANT MOS2**

**MOS2 LUBRICATING-PENETRATING OIL**

**DESCRIPTION**
- Lubricating penetrating oil with Molybdenum Bisulphide with very high penetration properties. Prevents subsequent seizure.

**USE**
- Release, lubrication and maintenance of mechanical pieces that have undergone corrosion and oxidation (nuts, dowels, locks, ...). Also suitable for metal tapping.

**TECHNICAL DATA**
- Flash point: +62°C
- Non-flammable propellant: CO₂

---

**REMFOR V7+**

**LUBRICATING PENETRATING OIL**

**DESCRIPTION**

**USE**
- Lubrication of micro-mechanisms. Facilitates the dismantling and reconditioning of all seized mechanisms, nuts, bolts, hinges, etc... Lubrication, light tapping and drilling.

**TECHNICAL DATA**
- Flash point: 62°C
- Non-flammable propellant: CO₂

---

**DEGRIPPANT ALIMENTAIRE**

**PENETRATING OIL FOR INCIDENTAL CONTACT WITH FOODSTUFFS**

**DESCRIPTION**
- Approved by NSF on the requirements of the FDA, in category H1; registration 135418. Lubricating penetrating oil with very low surface tension. Silicone-free and without chlorinated solvents. MOSH-MOAH and POSH free lubricant.

**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
### Anti-Stick Welding Agents

**ADS 14**
**Nonflammable Water-Based Welding Antispatter**

**Description**
Aqueous anti-stick for welding nozzles, silicone-free and without metal fillers. Prevents the metal particles in fusion sticking to welding workpieces.

**Use**
It is used for the protection of welding nozzles, but also for the protection of all types of parts subject to high temperatures.

**Technical Data**
Ready to use
Flash point: without

<table>
<thead>
<tr>
<th>Packing</th>
<th>Ref</th>
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<tbody>
<tr>
<td>20 L</td>
<td>ADS1420</td>
</tr>
<tr>
<td>200 L</td>
<td>ADS14FT</td>
</tr>
</tbody>
</table>

**BUSENET 750**
**Vegetable-Based Welding Anti-Stick Agent**

**Description**
Anti-stick agent for protection of workpieces against welding spatter. Guaranteed silicone-free. Does not clog nozzles, does not pollute, does not mark parts. Specially formulated to limit problems of smell and smoke emission.

**Use**
Can be used on all steel surfaces, does not oxidise workpieces. Protection against scale projection. Can also be used for the protection of welding torches.

**Technical Data**
Temperature d’utilisation: -25°C à +180°C

<table>
<thead>
<tr>
<th>Packing</th>
<th>Ref</th>
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</thead>
<tbody>
<tr>
<td>520 ML</td>
<td>BUSE750A1</td>
</tr>
</tbody>
</table>

**NB 25**
**Boron Nitride Coating**

**Description**
Dry film that can protect surfaces up to 1000°C. Guaranteed silicone-free and without chlorine solvents. No smoke or clogging of nozzles.

**Use**
For protecting welding nozzles of clamps and patterns for TIG welding. Laser welding and plasma torches. Cannot be used to protect parts.

**Technical Data**
Cold polymerization time: 15 min

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<thead>
<tr>
<th>Packing</th>
<th>Ref</th>
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<tbody>
<tr>
<td>520 ML</td>
<td>NB25A1</td>
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</tbody>
</table>

### Anti-Corrosion Oils

**DRY PROTEC**
**Long-Lasting Wax Protective Fluid**

**Description**
Ensures a very fine wax film, dry to the touch. Blue tint. Highly moisture resistant, water repellent effect in the event of condensation. Does not run and prevents clogging of moulds. Dry to the touch after a few minutes.

**Use**
Protection of plastic injection moulds. External and internal protection of all types of mechanical parts and production equipment. Protection of machined ferrous metals, rough castings and all types of tooling.

**Technical Data**
Drying time: 20 min

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<tr>
<th>Packing</th>
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<tbody>
<tr>
<td>650 ML</td>
<td>DRYPROTECA2</td>
</tr>
</tbody>
</table>

**PROTEC NF**
**Oily Protective Fluid**

**Description**
Easy-to-remove fluid using conventional solvents. For protecting metals against oxidation. Protected parts can be stored outdoor or in aggressive conditions.

**Use**
Protection of cutting tools, glass factory moulds, foundry moulds, plastic injection moulds, bottling dies and machined parts. Parts can be assembled without previous cleaning.

**Technical Data**
Operating temperature range: -20°C to +80°C. Resistance to salt spray: 80 hours

<table>
<thead>
<tr>
<th>Packing</th>
<th>Ref</th>
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<tbody>
<tr>
<td>650 ML</td>
<td>PRODPROTA2</td>
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</tbody>
</table>
### COATINGS

#### PROTEC 800
**LONG LIFE PROTECTION OIL**

**DESCRIPTION**
Dusty film that can be removed easily with conventional solvents or alkaline washes. Contains no petroleum solvents.

**USE**
Long duration protection for indoor or outdoor protection of metals against oxidation. Protection of machined ferrous metals, rough castings and all types of tooling. Protection of steel tubes after rolling, of injection moulds. Storage between machining operations.

**TECHNICAL DATA**
- Operating temperature range: -15°C to +100°C
- Flash point: > 150°C

<table>
<thead>
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<th>PACKING</th>
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<tbody>
<tr>
<td>200 L</td>
<td>PROT800FT</td>
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</tbody>
</table>

#### GALVASUN
**GLOSSY COLD GALVANISING AGENT**

**DESCRIPTION**
Aluminium-based for the long-term protection of all metals. Good resistance at aggressive temperatures. Temperature resistance: 400°C. Drying time for handling: 1 hour.

**USE**
Protection of parts after welding operations. Part repairs.

**TECHNICAL DATA**
- Drying time for total resistance: 24H

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<tr>
<th>PACKING</th>
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<tr>
<td>650 ML</td>
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</tbody>
</table>

#### SOLID FILM LUBRICANT

#### SMOS
**DRY LUBRICANT WITH MOS2**

**DESCRIPTION**

**USE**
For any requirement of a dry lubricant. Lubrication in a vacuum, under radiation. Lubrication under high loads and at a high speed. Lubrication in dusty and abrasive conditions. For metal parts, press and cutting tools, fastenings, seals, etc.

**TECHNICAL DATA**
- Operating temperature range: -180°C to +450°C

<table>
<thead>
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<tr>
<td>650 ML</td>
<td>SMOSA2</td>
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</tbody>
</table>

**VERNIS GRAPHITE**
**HIGH-TEMPERATURE COATING IN AEROSOL**

**DESCRIPTION**
Polymerises at ambient temperature, it is suitable for protecting all types of workpieces subject to high temperatures. Has good adhesion on all substrates.

**USE**
Recommended for lacquering glass works moulds, tooling treatment, assembling and lubricating mechanical or cast parts. Dies and tooling in the manufacture of aluminium profiles.

**TECHNICAL DATA**
- Recommended for lacquering glass works moulds.
- The application of the graphite coating will increase the life of the tooling.

<table>
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<tr>
<th>PACKING</th>
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<tr>
<td>650 ML</td>
<td>VERGRAA2</td>
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</table>

#### TEFLUB
**PTFE-BASED DRY COATING**

**DESCRIPTION**
Dry lubricant to reduce the coefficient of friction of small mechanisms and seals. Protective agent for tools against corrosion and humidity. Mould release agent for all types of substrates.

**USE**
Protection of tooling against spatter of hot melt glues. Lubrication of all substrates in abrasive conditions (glass works, paper mills, etc.). Protection of tanks, cables, etc. in an aggressive and corrosive chemical atmosphere. Mould release agent for plastics, laminates, Araldite®, etc.

**TECHNICAL DATA**
- Operating temperature range: -180°C to +260°C
- Drying time: 5 min

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<tr>
<td>650 ML</td>
<td>TEFLUBA2</td>
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</table>
HYDRAULIC & GEAR OILS

HYDRAULIC OILS

HYDRO 32 AL / 46 AL / 68 AL

FOOD QUALITY HYDRAULICS OILS

DESCRIPTION
Comprised of highly-refined mineral-base oils and specific additives. Approved by NSF on the requirements of the FDA, in category H1: registration 140564 (HYDRO 32 AL), registration 140565 (HYDRO 46 AL), registration 140566 (HYDRO 68 AL). Excellent viscosity behaviour / temperature and highly resistant to oxidation and ageing. Appropriate and high-performance antioxidant, anti-wear and anti-rust additives. Oils differing in their ISO class and their pour point (-18°C, -15°C, et -12°C)

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.).

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

PACKING | REF
---|---
20 L | HYDRO32AL20
120 L | HYDRO32ALFT
20 L | HYDRO46AL20
220 L | HYDRO46ALFT
20 L | HYDRO68AL20
220 L | HYDRO68ALFT

GEAR OILS

HR 100 AL / 150 AL / 220 AL / 320 AL / 460 AL

EP NSF HYDRAULICS OILS FOR GEARS

DESCRIPTION
Approved by NSF on the requirements of the FDA, in category H1: registration 142600 (HR 100 AL), registration 142601 (HR 150 AL), registration 142602 (HR 220 AL), registration 142603 (HR 320 AL), registration 142604 (HR 460 AL). Huiles incolores et inodores utilisées pour la lubrification des engrenages et des réducteurs. Reinforced chemical stability and resistance to oxidation for severe conditions (pressure, temperature). Oils from various viscosity.

USE
For the food processing industries. 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

PACKING | REF
---|---
20 L | HR100AL20
20 L | HR150AL20
220 L | HR150ALFT
20 L | HR220AL20
20 L | HR320AL20
220 L | HR320ALFT
20 L | HR460AL20

FONTAINE BIO

BIO CLEANING TABLE : PARTS WASHER FOR WATER-BASED CLEANERS SUCH AS KL9H

DESCRIPTION
Parts washer for cleaning pieces with warm water or biodegradable detergents. Sécurité des opérateurs optimale.

USE
For any cleaning operation on aluminum or steels, repairing in any workshop where hazardous or solvented cleaners are prohibited. Pour dégraissants phases aqueuses type KL 9 H.

TECHNICAL DATA
- 100 liter stainless steel tank
- Dimensions: L. 800 mm - D. 780 mm - H. 1100 mm
- Resistance: 1000 W
- Operating temperature: 35-40 °C
- Weight: 80 kg
- Admissible load: 500 kg

ACCESSORIES | REF
---|---
PARTS WASHER 230VAC | BIO-F800
PARTS WASHER COVER | BIO-CAP800
VALVE | BIO-RA800
WHEELS FOR THE PARTS WASHER | BIO-WH800
SOFT BRUSH | BIO-PS800
STARNET+
QUICK EVAPORATING MULTIPURPOSE WORKSHOP CLEANER

**DESCRIPTION**
Spray cleaner with very strong solvent properties. Guaranteed chlorine-free, HCFC-free and ethylene-glycol free. Product with a flavoured aliphatic solvent base. Very good dielectric rigidity.

**USE**
Removal of grease, oil, sludge and other chemical products.
Can be used cold, with a brush, in a tank, with a cloth and specifically in a parts washer.

**TECHNICAL DATA**
Flash point: < 0°C
Dielectric rigidity: >43 kV

**PACKING**
- 650 ML: STARNET+A2

KL 111
COLD DEGREASER SAFETY

**DESCRIPTION**
Guaranteed chlorinated solvent-free, HCFC-free and ethylene-glycol free. Product with a flavoured aliphatic solvent base. Very good dielectric rigidity.

**USE**
All mechanical parts (chains, bearings, pinions, filters, etc.). Removal of grease, oil, sludge and other chemical products. Can be used cold, with a brush, in a tank, with a cloth and specifically in a parts washer, ideally with an electric pump.

**TECHNICAL DATA**
Flash point: +62°C
Dielectric rigidity: 25

**PACKING**
- 5 L: KL1115L
- 20 L: KL11120
- 60 L: KL11160
- 200 L: KL111FT

CONTACTOL NF
NONFLAMMABLE CLEANER FOR ELECTRICAL CONTACTS

**DESCRIPTION**
Non flammable electrical contact cleaner, can be used under tension. Dielectrical rigidity: 40 kV.

**USE**
Cleaning and protection of all HIFI or telephone electric and electronic circuit parts, windings, relays, printed circuits, radar equipment, meters, etc.

**TECHNICAL DATA**
Flash point: none
Dielectric rigidity: 40 kV

**PACKING**
- 520 ML: CONTACTOLNF+A1

V.O.C.-FREE DEGREASING AGENT

KL 936
HEAVY DUTY CLEANER FOR GLUES, MASTICS, RESINS, INKS ETC

**DESCRIPTION**
KL936 has been designed to substitute acetone-based cleaners (highly flammable). It possesses a very high flash point and is free from any hazardous material (see MSDS) making it very safe to use. It evaporates quite slowly but can be easily rinsed off with water or blown away with compressed air.

**USE**
Efficient on paints and resins (water-based). Remove neoprene glues. Remove adhesives residues on floors. Fast acting on screen printing inks (solvent based), and can easily replace acetone. Cleans inks on metals (aluminium etc).

**TECHNICAL DATA**
Flash point: 75°C
Dielectric rigidity: 21 kV

**PACKING**
- 750 GR: KL936PULVE
- 20 KG: KL93620
- 200 KG: KL936FT

Consult the technical sheets on molydal.com
KL 50 AL
VOC FREE DEGREASING AGENT - ECOFRIENDLY

DESCRIPTION
Universal degreasing agent for accidental contact with foodstuffs. Approved by NSF on the requirements of the FDA, in category K1; registration 142221. Guaranteed chlorinated solvent-free, HCFC-free and ethylene-glycol free. Compatible with all metals and most plastics.

USE
Elimination of greases, oils and sludge. Temporary oil or wax protection. Can be used to degrease disassembled electrical and electronic equipment (windings, collectors, etc.).

TECHNICAL DATA
Flash point: 62°C
Dielectric rigidity: 62 KV

PACKING | REF
--- | ---
650 ML | KLS0AL2
60 L | KLA60
200 L | KLAFT

KL 80
VOC FREE DEGREASING AGENT - ECOFRIENDLY

DESCRIPTION
Safe cold degreasing agent for industrial use. V.O.C free Guaranteed free from halogenated solvents (chlorine, fluorine, bromine, etc.), aromatic compounds, HCFC and ethylene-glycol.

USE
For cleaning all types of mechanical parts (chains, lines, bearings, pinions, filters, etc.). Elimination of greases, oils and sludge. Can be sprayed, used in a tank, with a brush, with clothes, in floor washers and part-washers.

TECHNICAL DATA
Flash point: +88°C

PACKING | REF
--- | ---
750 ML | KL8HPULVE
5 L | KL8HSL
20 L | KL8H20
200 L | KL8HFT

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. Approved for the food industry- certified by the National Sanitation Foundation (NSF), which is based on the Food and Drug Administration’s (FDA) class A1 requirements (Registration number 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 clothes, in floor washers and part-washers.

TECHNICAL DATA
Operating temperature range: 0°C to +100°C

PACKING | REF
--- | ---
KL9HPULVE | 5 L
KL9HSL | 20 L
KL9H20 | 200 L

KL BIO
ECOFRIENDLY BITUMEN AND TAR REMOVAL CLEANING AND DEGREASING AGENT

DESCRIPTION
Emulsifiable fluid, V.O.C free, Comprised exclusively of renewable products (synergy of fatty acid esters of sunflower, coconut, etc.). Odourless and without safety labelling. Can be used pure puis être rincé à l'eau.

USE
Bitumen and tar removal cleaning and degreasing agent. Can be used on a cloth, in a degreasing fountain (fitted with diaphragm pumps), by sprinkling, or by immersion.

TECHNICAL DATA
Flash point: > 150 °C
RRM: >95%

PACKING | REF
--- | ---
KLBIOSL | 5 L
KLBIODI | 20 L
KLBIODFT | 200 L

FOOD QUALITY DEGREASING AGENTS

KL 50 AL
COLD DEGREASING AGENT FOR THE AGROFOOD INDUSTRY

DESCRIPTION
Universal degreasing agent for accidental contact with foodstuffs. Approved by NSF on the requirements of the FDA, in category K1; registration 142221. Guaranted chlorinated solvent-free, HCFC-free and ethylene-glycol free. Compatible with all metals and most plastics.

USE
Elimination of greases, oils and sludge. Cleaning of mechanical parts in contact with sugar, jaws of bottling machines, crimping knurls, etc.

TECHNICAL DATA
Non-flammable propellant: CO2

PACKING | REF
--- | ---
650 ML | KLS0AL2
60 L | KLA60
200 L | KLAFT

KL BIO
COLD DEGREASING AGENT FOR THE FOOD INDUSTRY

DESCRIPTION
Universal degreasing agent for accidental contact with foodstuffs. Approved by NSF on the requirements of the FDA, in category K1; registration 128922. Guaranteed chlorinated solvent-free, HCFC-free and ethylene-glycol free. Compatible with all metals and most plastics.

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
Dielectric rigidity: 62 KV

PACKING | REF
--- | ---
60 L | KLA60
200 L | KLAFT
**SOLESTER 530**
MICROEMULSION FOR ANY MATERIALS (EVEN COPPER AND ITS ALLOYS)

**DESCRIPTION**
Synthetic emulsion, from a blend of green chemicals and polyesters. Harmless to operators: no mineral oil, no VOC, no chlorine not CFC or formaldehyde. No hazardous labels or phrases.

**USE**
From 2% to 8% for any machining operation. 1% to 2% for grinding.

**TECHNICAL DATA**
Viscosity @ 40°C: 20 cst

<table>
<thead>
<tr>
<th>PACKING</th>
<th>REF</th>
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<tbody>
<tr>
<td>5 L</td>
<td>SOLESTERS305L</td>
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<tr>
<td>20 L</td>
<td>SOLESTERS3020</td>
</tr>
<tr>
<td>200 L</td>
<td>SOLESTERS30FT</td>
</tr>
</tbody>
</table>

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**VG CUT 77**
ECOFRIENDLY AQUEOUS DRILLING/TAPPING LUBRICANT

**DESCRIPTION**

**USE**
For drilling and tapping.

**TECHNICAL DATA**
non-flammable

<table>
<thead>
<tr>
<th>PACKING</th>
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<tbody>
<tr>
<td>650 ML</td>
<td>VG CUT 77A2</td>
</tr>
</tbody>
</table>

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**STAREX**
EXTREME PRESSURE CUTTING OIL

**DESCRIPTION**
Special extreme pressure oil for accurate and localised application. Can be used on all grades of steel and on light and cuprous alloys.

**USE**
For various machining, drilling and tapping operations, by manual application. We recommend degreasing quickly to prevent superficial staining if visual appearance is important.

**TECHNICAL DATA**
Non-flammable propellant: CO2

<table>
<thead>
<tr>
<th>PACKING</th>
<th>REF</th>
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<tbody>
<tr>
<td>650 ML</td>
<td>STARA2</td>
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</tbody>
</table>

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**TEREBOR**
TAPPING, DRILLING AND MACHINING FLUID

**DESCRIPTION**
Low-viscosity lubricant for drilling, tapping, and machining. Blue colour.

**USE**
For tapping high resistance extra hard steel, refractory steels and stainless steel. Chip removal on small diameters, blind holes and metals with low machinability, on automatic or semi-automatic machines.

**TECHNICAL DATA**
Viscosity @ 40°C: 35 Cst

<table>
<thead>
<tr>
<th>PACKING</th>
<th>REF</th>
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<tbody>
<tr>
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<td>TEREFL</td>
</tr>
<tr>
<td>5 KG</td>
<td>TERESK</td>
</tr>
</tbody>
</table>

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**LUBA 21**
ECOFRIENDLY LUBRICANT FOR PROFILING AND LIGHT CUTTING OPERATIONS

**DESCRIPTION**
Chlorine-free cold forming lubricant. Does not contain sulfur nor VOC. Non hazardous. very high wetting and lubricating power.

**USE**
Specifically designed for cutting, bending, punching, stamping operations. Highly suitable for sawing, drilling and threading operations. Recommended for light stamping.

**TECHNICAL DATA**
Kinematic viscosity @ 40°C: 4-6 Cst.
Appearance: clear. Colorless. Odorless

<table>
<thead>
<tr>
<th>PACKING</th>
<th>REF</th>
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<tbody>
<tr>
<td>20 L</td>
<td>LUBA2120</td>
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<tr>
<td>60 L</td>
<td>LUBA2160</td>
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<tr>
<td>200 L</td>
<td>LUBA21FT</td>
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</tbody>
</table>
**LUBA 40**
ECOFRIENDLY EXTREME PRESSURE LUBRICANT FOR CUTTING AND STAMPING OPERATIONS

**DESCRIPTION**
Chlorine-free and mineral-oil-free lubricant

**USE**
Specifically designed for severe stamping operations for any material: steel, stainless steel, aluminum and alloys. Suitable for threading, machining operations.

**TECHNICAL DATA**
- RRM: > 70%
- > 80% of easily biodegradable raw material (OECD 301B)
- Viscosity: 6-10 Cst

**PACKING** | **REF**
---|---
200 L | LUBA40FT

---

**LUBA 50**
ECOFRIENDLY EXTREME PRESSURE LUBRICANT FOR DEEP-DRAWING OPERATIONS

**DESCRIPTION**
Chlorine-free and mineral-oil-free cold forming lubricant

**USE**
For deep-drawing operations on any materials: steel, stainless steel, aluminum, copper and their alloys (on copper, rinse off immediately). Suitable for threading and drilling operations on stainless steel and inconel.

**TECHNICAL DATA**
- RRM: > 30%
- > 70% of easily biodegradable raw material (OECD 301)
- Viscosity: 50 Cst

**PACKING** | **REF**
---|---
20 L | LUBA5020
200 L | LUBA50FT

---

**LUBA 200**
EXTREME PRESSURE ECO-FRIENDLY LUBRICANT FOR DEEP DRAWING

**DESCRIPTION**
Non hazardous lubricant. Free from chlorine and mineral oil. Increase tools lifetime and surface finishings.

**USE**
For deep-drawing operations on any materials: steel, stainless steel, aluminum, copper and their alloys (on copper, rinse off immediately). Suitable for threading and drilling operations on stainless steel and inconel.

**TECHNICAL DATA**
- RRM: > 38%
- > 65% of easily biodegradable raw material (OECD 301)

---

**H 528 - H 526 - H 570**
CHLORINE-FREE METALWORKING NEAT OILS

**DESCRIPTION**
Chlorine-free mineral based cutting fluids. Superior antifriction properties thanks to renewable materials additivation.

**USE**
H 528: low viscosity oil for sewing and cutting any metals of small thickness.  
H 526: medium viscosity for any cutting and stamping/deep-drawing with any materials  
H 570: high viscosity oil for deep-drawing and sever stamping operations.

**TECHNICAL DATA**
- H 528: Viscosity @ 40°C: 28 Cst. RRM: >12%
- H 526: Viscosity @ 40°C: 110 Cst. RRM: >13%
- H 570: Viscosity @ 40°C: 160 Cst. RRM: >15%

**PACKING** | **REF**
---|---
200 L | H528FT
200 L | H526FT
200 L | H570FT

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**HVG**
VEGETABLE OIL 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. Approved for the food industry - certified by the National Sanitation Foundation (NSF), which is based on the Food and Drug Administration's (FDA) class 3H, H1 requirements (Registration number 162091). 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.

**USE**
For all stamping, drop-stamping, bending, medium to heavy thickness on all metals except hardened or tempered stainless steels. 
Product ideally recommended for all cold forming operations on metals, tin, packing, etc...

**TECHNICAL DATA**
- Viscosity @ 40°C: 40 Cts. RRM: >100%-100% of easily biodegradable raw material (OECD 301)

**PACKING** | **REF**
---|---
200 L | HVGFT

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Consult the technical sheets on molydal.com
**LEAK DETECTION/SILICONES**

### SPECIFIC DEGREASERS

**DECAPANT 90**

**UNIVERSAL CLEANER DICHLOROMETHANE-FREE**

**DESCRIPTION**
Thixotropic: gel that liquefies when it is stirred, and return to its initial consistency at rest. Does not run. Chlorine-free, does not contain phenol or formic acid, or methylene chloride.

**USE**
For most substrates (wood, metal, glass, tiles or stone). For fast removal of ink, varnish and paint as well as mould cavity cleaning. Easy removal of adhesives, hardened oil and grease and carbon deposits from joint faces and metal surfaces.

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<tr>
<th>PACKING</th>
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<tr>
<td>650 ML</td>
<td>DECAP90A2</td>
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### LEAK DETECTION

**AIRBUL, NF**

**LEAK DETECTOR FOR ALL TYPES OF GAS**

**DESCRIPTION**
Detector for all leaks of air or gas under pressure. Foam reaction fluid containing a corrosion inhibitor and surface tension reducing agent. Approved by DVGW complying with exigences of the standard NF EN 14291 on the “foaming solutions for the detection of leaks on gas installations”, registration: No. 5170BR0475.

**USE**
Essential in any company using compressed air or gas Sealing checking on all pipework, tanks, valve, taps, unions, etc...

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<tr>
<td>650 ML</td>
<td>AIRBULNFAL2</td>
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<tr>
<td>5 L</td>
<td>AIRBULSL</td>
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</table>

### SILICONES

**SILICONES**

**MULTI-PURPOSE SILICONES**

**DESCRIPTION**
Lubrication without substantial change of viscosity at high and very low temperatures. All uses and antistatic. Clean and invisible lubrication.

**USE**
Very wide use: Lubrication, waterproofing, mould release agent, antistatic protection and anti-rust properties. For precision instruments in laboratories and in the clock making industry. For guillotine lubrication in the cardboard industry. Weaving loom lubrication Use as a mould release agent for rubber and plastics. Lubrication of conveyor belts.

**TECHNICAL DATA**
Propellant gas: butane / propane

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<th>PACKING</th>
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<tr>
<td>800 ML</td>
<td>SILIA3</td>
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**SIL 172 AL**

**SOLVENT TREATED SILICONE OIL FOR INCIDENTAL CONTACT WITH FOODSTUFFS**

**DESCRIPTION**
Approved by NSF on the requirements of the FDA, in category H1; registration 129605. Solvent treated silicone oil, antistatic. Waterproof. Good resistance to aggressive chemicals. MOSH-MOAH and POSH free lubricant.

**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

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<td>650 ML</td>
<td>SIL172AL2</td>
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<tr>
<td>20 L</td>
<td>SIL172AL20</td>
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</table>

**SILICONE AL**

**SILICONE OIL FOR INCIDENTAL CONTACT WITH FOODSTUFFS**

**DESCRIPTION**
Approved by NSF on the requirements of the FDA, in category H1; registration 138343. Antistatic, Water repellent. Good resistance to aggressive chemical and atmospheric agents. Guaranteed free from chlorine solvents. MOSH-MOAH and POSH free lubricant

**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

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<td>650 ML</td>
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**MOULD RELEASE AGENTS**

**DEMOPLAST**

**PLASTIC MOULD RELEASE AGENT**

**DESCRIPTION**
Anti-sticking mould agent with a synthetic base oil, free of chlorine solvents and HCFC. For operations on cold or hot moulds. Can be applied on non-porous substrates. No residue and does not mark parts. Very fine spray.

**USE**
Used to unmould plastic materials (thermoplastics, thermosets) and rubbers.

**TECHNICAL DATA**
Non-flammable propellant: CO₂

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<td>DEMOC2A2</td>
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**DEMOPLAST 740**

**PLASTIC MOULD RELEASE AGENT**

**DESCRIPTION**
Anti-sticking colourless fluid mould agent with a synthetic oil base, guaranteed free of chlorine solvents and HCFC. With a paintable silicone oil base. For operations on cold or hot moulds. Can be applied on non-porous substrates. No residue and does not mark parts. Very fine spray.

**USE**
Used to release plastic materials (thermoplastics, thermosets) and rubbers.

**TECHNICAL DATA**
Propellant gas: butane / propane

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<td>650 ML</td>
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**LUBRICANTS**

**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. Certified by the National Sanitation Foundation (NSF), which is based on the Food and Drug Administration’s (FDA) class H1 requirements (Registration number 130671). MOSH-MOAH and POSH free lubricant.

**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

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**P 716**

**ANTI-STICKING LUBRICANT ECOFRIENDLY & FOOD GRADED**

**DESCRIPTION**
No specific health survey is needed with P716. No hazardous material in. Free from any mineral resources: exclusively formulated from renewable materials. No silicon. Non irritating and odourless. Certified by the National Sanitation Foundation (NSF), which is based on the Food and Drug Administration’s (FDA) class H1 requirements (Registration number 162094). MOSH-MOAH and POSH free lubricant.

**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
Flash point: 290°C
OECD 301 B Biodegradability: > 60%
Viscosity: 46 Cst

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<td>P71620</td>
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MASTIC

BLACK SEAL
BLACK SILICONE MASTIC FOR SEALING AND FLEXIBLE GLUING

DESCRIPTION
Black silicon seal that can be used for gluing and sealing on all materials. Withstands oil, grease and solvents. Very high flexibility, and withstands vibration.

USE
Can be used as a bead or thin film. Electrical cabinet gluing and sealing Sealing of cardboard boxes Ready for use.

TECHNICAL DATA
Application temperature: +5 to +40°C
Temperature resistance: -60°C to +180°C

PACKING REF
200 ML BLACKSEAL

CYANOACRYLATE GLUES

DF 175
PLASTIC AND RUBBER GLUE

DESCRIPTION
Quick-setting cyanoacrylate

USE
Gluing of plastics and rubber.

PACKING REF
20 G DF17520

DF 300
UNIVERSAL GLUE

DESCRIPTION
Cyanoacrylate. Medium viscosity and with excellent moisture resistance.

USE
Universal gluing

PACKING REF
20 G DF30020

FIXING

AF 830
RETAINING COMPOUND - HIGH TEMPERATURE

DESCRIPTION
- Fixing, sealing of cylindrical assemblies, quick and reliable hardening.
- All non-removable metal, smooth surfaces, pulleys and bearings

PACKING REF
50 ML AF83050
LUBRICATION SYSTEMS

A comprehensive range of lubrication systems and accessories, adapted to all industrial requirements.

- WORKSHOP EQUIPMENT
- SINGLE POINT LUBRICATORS
- PROGRESSIVE CENTRALIZED LUBRICATION SYSTEMS
- DUAL LINE GREASING SYSTEMS
- ACCESSORIES AND OFFSET LUBRICATION POINTS
- PARTS WASHER
- ROLLER LINE
- MQLS AND CHAIN LUBRICATION

SERVICES:  Custom-made survey with a trained team
           On-site delivery and installation
           Training
           After-sales service
           Maintenance contract
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).

We are ISO 9001: 2015 approved for quality.

Your representative:

ZAET 221 RUE PAUL LANGEVIN 60740 SAINT-MAXIMIN FRANCE
PHONE : +33 (0)3 44 61 76 76 - FAX +33 (0)3 44 25 17 78
WWW.MOLYDAL.COM