

# Lubrication solutions

## WORKSHOP SELECTION



### GREASES

#### MULTI TP

**EP2 MULTIPURPOSE GREASE.** High pressure resistance. Extremely stable during work and in storage. Lithium soap thickener. 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. Load: 200 kg. Operating temperature range: -20 to +140°C. Grade NLGI: 2

#### GRAISSE MO/3

**MULTIPURPOSE MoS<sub>2</sub> GREASE.** Ensures dry lubrication in case of lack of lubrication. Good resistance to water washout. Lubrication of parts subject to vibration, impact and repetitive stops and starts. Lubrication of mechanical parts subject to heavy loads and high speeds. Load: 315 kg. Operating temperature range: -20 to +150°C. Grade NLGI: 2

#### LCH 250

**HIGH TEMPERATURE AND EXTREME PRESSURE STICKY GREASE.** Excellent stability during work and in high temperatures. Good resistance to water washout. Severe load and temperature conditions and in moist environments. Agricultural machinery, cement plants, hydro-electric power stations, etc. Load: 315 kg. Operating temperature range: -25 to +160°C (180°C peak). Grade NLGI: 2

#### GRAISSE 3790

**MARINE GREASE.** Lithium/calcium thickener. Highly adhesive and stringy. For all parts subject to water projection or submerged; Bearings, rollers, pumps, valves and taps. Water purification plants, hydroelectric power stations, canneries, etc. Load: 315 kg. Operating temperature range: -20 to +140°C. Grade NLGI: 2

#### SCA 200

**EXTREME PRESSURE CALCIUM SULFONATE GREASE.** Exceptional water resistance, even under high pressure (excellent mechanical stability). 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. Load 500Kg. Operating temperature range: -25 to +180°C. Grade NLGI: 1/2

#### GREEN LIFE

**ECOLABELLED GREASE - BIODEGRADABLE: 80%** Renewable ester-based grease. Without safety labelling. Better resistance to washout than conventional greases, allowing for longer intervals between greasing operations. To be used in the event that the product may be discharged into the natural environment. Forestry and agricultural machines. Construction and excavation machinery, mining production, motorisation of locks, cranes, etc. Load: 240 kg

#### OPEN GEAR 844 DTZ

**GEAR AND CABLE GREASE AEROSOL.** Mineral oil. Complex aluminium thickener. High concentration of solid lubricant additives. Insoluble in water. For open gears and cables and any mechanism subject to high loads and moving at a slow speed. Load: 500 Kg. Operating temperature range: -20°C to +160°C. Grade NLGI: 0 / 1.



### PENETRATING OILS

#### REMPOR V7+

**LUBRICATING PENETRATING OIL.** Colourless and fast-acting. Low friction coefficient. Facilitates slipping after release. Lubricating micro-mechanisms. Facilitates the dismantling and reconditioning of all seized mechanisms, nuts, bolts, hinges, etc. Lubrication, light tapping and drilling. Flash point: > 60°C.

#### DEGRIPPANT MoS<sub>2</sub>

**MoS<sub>2</sub> LUBRICATING PENETRATING OIL.** With very high penetration properties. Prevents subsequent seizure. Release, lubrication and maintenance of mechanical pieces that have undergone corrosion and oxidation (nuts, dowels, locks). Also suitable for metal tapping. Flash point: 65°C.

#### TOP 5

**MULTIPURPOSE LUBRICATING PENETRATING OIL.** Corrosion protection. Water repellent. Deoxidant. Compatible with most rubbers and plastics. Does not attack paint. 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.

#### VG 5+

**ENVIRONMENTALLY FRIENDLY VOC FREE MULTI-PURPOSE LUBRICANT - ESTER-BASED.** Very low surface tension. Corrosion protection. Water repellent. Deoxidant. Compatible with all types of metal. Storage of machined or cut pieces, protection of slides. Protection of moulds and foundry, glass-making, extrusion and cutting tools.



### CONVEYORS-CHAINS

#### NS 250

**HIGH TEMPERATURE LUBRICANT.** Very high adherent properties. Low volatility at high temperature. Good resistance to moist conditions. No carbonisation residue. For high performance chains and in extreme temperature conditions and dusty environments. For conveyor and quenching chains, paint oven and screen printing ovens. On chains of biomass boiler sweepers. Can be used by spraying, in a tank, drip feed or by brush application. Temp.: -30 to +260°C.

#### VEGA 90B

**ENVIRONMENTALLY FRIENDLY LUBRICANT FOR CHAINS AND CABLES.** Without safety labelling. Renewable raw materials-based, used for lubrication in moist conditions. Creamy and adherent with good anti-wear qualities. Strong penetrative properties for homogenous spreading of lubricant up to the centre of link shafts. Conveyor chains and quenching chains in all types of industry. Slide and cylinder rod lubrication.

#### FILLMORE

**ADHERENT LUBRICANT.** Very high adherent properties. Mineral-based oil. Completely insoluble in water, even under pressure. For any mechanism 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. Temp.: from -20°C to +200°C. Grade NLGI: 0/1. Available in NSF H1 quality: FILLMORE AL



### PENETRATING OILS-CLEANERS-DEOXIDANTS

#### KL 9 H

**ENVIRONMENTALLY FRIENDLY AQUEOUS DEGREASING CLEANER.** Ready for use. Renewable raw material-based. VOC free, petroleum-based solvent free, chlorine free, EDTA free, glycol free. Food contact: complies with the opinion of the French Agency for Food, Environmental and Occupational Health & Safety (ANSES). Removes temporary oil or wax protection in the food and agro-food industries. Can be sprayed, used in a tank, with a brush, with cloths, in floor washers and part-washers.

#### KL 111

**SAFE COOLD DEGREASING AGENT.** Guaranteed chlorinated solvent-free, HCFC-free and ethylene glycol free. Inert to most plastics (polyethylene, polypropylene, polyester, Teflon, etc.). Very good dielectric rigidity. All mechanical parts (chains, bearings, pinions, filters, etc.). Can be used cold, with a brush, in a tank, with a cloth and specifically in a parts washer, ideally with an electric pump. Flash point: 62°C. Dielectric rigidity: 43KV.



### ASSEMBLY COMPOUNDS

#### DELTA SPRAY

**HIGH % MoS<sub>2</sub> ASSEMBLY COMPOUND** Preventive treatment against fretting corrosion. Contains highly resistant layer to pressure of film resistance to pressure and adhesion. Black colour. Compound for lubrication (pivots, slides, gears, etc.) and assembly (assemblies, cottering, threading, etc.) of all mechanical parts subject to very high loads and vibrations. Temp.: -35 to +420°C.

#### GRIPCOTT NF

**HIGH TEMPERATURE ASSEMBLY COMPOUND (Cu, Al, GA).** Ensures very good protection of parts in extreme temperature and chemical or atmospheric corrosion conditions. Silver colour. 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. Operating temperature range: -25 to +1000°C.

#### THERMOLUB SP

**HIGH TEMPERATURE COPPER ASSEMBLY COMPOUND.** Does not dry over time. Completely insoluble in water, steam and diluted acid. Perfectly adapted to a large number of plastic injection applications. Seizure and corrosion prevention for mechanical parts and assembly of screwed assemblies, at very low speeds and high temperatures. Lubrication of valves, slides, etc. Temperature resistance: +1200°C. Grade NLGI: 1/2.

#### NB 1200

**BORON NITRIDE ASSEMBLY COMPOUND.** White colour for excellent resistance to water, steam and aggressive atmospheres. Reduces fretting corrosion and meets nuclear requirements of under 200 ppm of halogen and sulphur. 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. Temperature resistance: +1200°C. Grade NLGI: 2.

#### MULTIGRAPH

**GRAPHITE ASSEMBLY COMPOUND.** Extreme pressure and friction-proof additives. Excellent resistance to water, steam and aggressive atmospheres. It also reduces fretting. Lubrication of highly loaded mechanisms subject to slow speeds and to high temperatures. For the mechanical industry (sleeve fits, cottering, axles, etc.) Assembly of decorations, joint, lubrication of valves and taps, etc. Grade NLGI: 2. Type of soap: Complex lithium.



### COATINGS

#### GALVASUN

**GLOSSY COLD GALVANISING AGENT.** Aluminium-based for the long-term protection of all metals. Good resistance to aggressive temperatures. Temperature resistance: 400°C. Drying time for handling: 1 hour. Protection of parts after welding operations. Part repairs.

#### ZEDENCOTT

**MAT COLD GALVANISING AGENT.** Micronised zinc powder in an organic binder. For the long-term protection of all ferrous metals. Protection guaranteed even in the event of accidental interruption in the continuity of the coating. Drying time for handling: 1 hour. On all ferrous metals subject to corrosion (aggressive atmospheres, moisture and water). Metal building frames, pipes, nuts and bolts. Treatment of incipient rust and cut faces on metal.

#### PROTEC NF

**OILY PROTECTIVE FLUID.** To protect metals against oxidation, cutting tools, glass factory moulds, foundry moulds, plastic injection moulds, bottling dies and machined parts. Storage of parts against corrosion. Good resistance to aggressive atmospheres. Parts can be assembled without previous cleaning. Easy-to-remove fluid using conventional solvents.

#### DRY PROTEC

**LONG-LASTING WAX PROTECTIVE FLUID.** 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. Protection of plastic injection moulds. External and internal protection of machined ferrous metals, rough castings and all types of tooling.

#### AIRBUL NF

**LEAK DETECTOR FOR ALL LEAKS OF AIR OR GAS UNDER PRESSURE.** Foam reaction fluid containing a corrosion inhibitor and surface tension reducing agent. DVGW approved, registration: No. 5170BR0475. Essential in any company using compressed air or gas. Sealing checking on all pipework, tanks, valve, taps, unions, etc...



### MACHINING

#### VG CUT 77

**ENVIRONMENTALLY FRIENDLY AQUEOUS DRILLING/TAPPING LUBRICANT.** Ready-to-use inflammable aqueous fluid without VOC. Vegetable polymer-based. Odourless. No smoke emissions. Compatible with all types of metal, including copper and its alloys. Easy to degrease. For drilling and tapping.

#### TEREBOR

**TAPPING, DRILLING AND MACHINING FLUID.** Low-viscosity lubricant for drilling, tapping, and machining. Blue colour. 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. Viscosity at 40°C: 35 cst.

#### STAREX

**EXTREME PRESSURE CUTTING OIL.** Special extreme pressure oil for accurate and localised application. Can be used on all grades of steel and on light and cuprous alloys. For various machining, drilling and tapping operations, by manual application. We recommend degreasing quickly to prevent superficial staining if visual appearance is important.

#### SOLESTER 520

**ENVIRONMENTALLY FRIENDLY EMULSION.** Completely soluble in water, vegetable polymer-based. VOC free, mineral oil free, chlorine free, phosphorous free and sulphur free. Guaranteed secondary amine free, formal liberator free and heavy metal free. Without safety labelling. Dilution at 1%: grinding. Dilution at 2% to 4%: tapping and milling. Dilution at 5% to 10%: threading, tapping and drilling.



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#### STARNET

**COLD NON-GREASY MULTIPURPOSE WORKSHOP DEGREASING AGENT,** with strong solvent properties. Guaranteed chlorinated solvent-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. On all metals where quick evaporation is required. Ideal before gluing, painting and reassembly of parts.

#### CONTACTOL DTZ

**NONFLAMMABLE CLEANER AND DEOXIDANT FOR ELECTRICAL CONTACTS.** Can be used on live circuits. No residue or marks after evaporation. Cleaning and protection of all electric and electronic circuit parts. Hi-fi, telephone, windings, relays, printed circuits, radar equipment, meters, etc. Dielectric rigidity: 43 KV. Flash point: none.