



INDUSTRIAL LUBRICANTS

GENERAL CATALOGUE

COGELSA
EFFICIENT LUBRICATION

Over 100 years providing efficient industrial lubrication solutions



COGELSA is a company that develops, manufactures and markets high-tech lubricants and greases, established over 100 years ago in the Barcelona area of Spain.

Throughout all these years, the company has accumulated extensive experience in different fields of industrial applications.

It works closely with various additive suppliers and research institutes to learn about the latest technologies, enabling its R&D teams to formulate state-of-the-art speciality lubricants.

COGELSA is present in more than 55 countries around the world through its extensive distribution network, from Asia to Europe, Africa and America.

COGELSA offers a high-level technical service to advise on the product to be used, as well as to monitor product performance on site with periodic laboratory analyses to ensure a long life cycle.

We supply lubricants and greases to leading multinational companies with the highest demands in terms of product stability and performance.

We would be delighted to be your technical partner and help you develop your business so that you can concentrate on your value-added proposition.

We are also the exclusive distributors in Spain and Portugal for BECHEM, ANDEROL and ELKALUB high-tech lubricants and specialised applications.

Let COGELSA take care of your industrial fluids!



COGELSA has specific production reactors for products for the food industry. The company continuously invests in new facilities and expands its production capacity.

COGELSA offers a comprehensive range of services for the application of its oils and fats in the food sector:

- Friction tests, which provide information on temperature and friction coefficient to compare the lubricity of fluids.
- Compatibility studies with different components.
- Analysis of lubricants in use to determine their condition.
- Analysis of soluble fluids to ensure their optimal operating condition.

COGELSA can also provide you with other relevant data such as surface tension and various key parameters of your fluids for perfect monitoring.

We have focused on developing special fluids for applications in the food industry, taking into account the latest regulations and market trends.

APPROVALS AND CERTIFICATIONS

The food, beverage, cosmetics and pharmaceutical manufacturing industry must select products that are not only suitable for its operational requirements, but also comply with regulatory requirements.

With regard to lubrication, the most efficient solution is to use lubricants and greases approved for food contact according to the classification system established by the USDA



The management system applied by COGELSA and its implementation comply with the ISO 21469:2006 standard. This standard specifies the hygiene requirements for the formulation, manufacture, storage and distribution of lubricants that may come into occasional contact with products and packaging used in the food, cosmetics, pharmaceutical and animal feed industries.



COGELSA has a wide range of products approved by the NSF International certification body.



COGELSA has obtained Halal certification from the Halal Institute, as well as Kosher certification from the Kosher Federation for products in its range of lubricants, vaselines and greases that are suitable for contact with food.

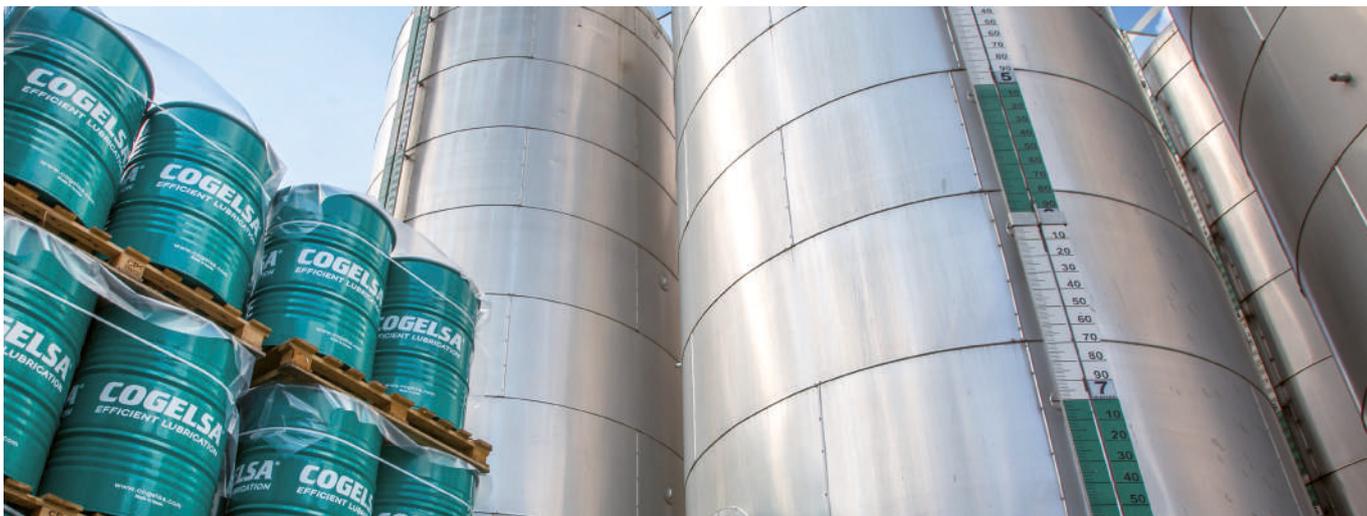


With this certification, COGELSA is taking an important step towards helping companies in the food sector to comply with the requirements of the Muslim and Orthodox Jewish communities throughout the manufacturing and handling process of their products, following the strict criteria of these communities and with full Halal and Kosher certification.



The COGELSA range includes products that are free from both saturated mineral hydrocarbons (MOSH) and aromatic mineral hydrocarbons (MOAH) in their composition.

PRODUCTION AND LOGISTICS



COGELSA has industrial facilities covering more than 19,000 m².

The company has both boilers for the production of lubricating oils and reactors for the production of greases.

The facilities are constantly expanding to meet the growing demand for products from industrial markets.

Each product line has its own specific facilities to ensure maximum quality:

- H1 and 3H food-grade oils.
- Soluble machining fluids.
- Greases with solid lubricants.

To guarantee rapid supply to its customers, COGELSA has more than 2,000 tonnes of stock between raw materials and finished products.

A highly trained logistics team ensures the swift and efficient handling of orders, which are shipped to more than 55 countries worldwide.

MARKET SECTORS



STEEL

Gear oils
Chain oils
Special greases



CEMENT

Synthetic oils
Greases for open gears



PHARMACY AND COSMETICS

White medicinal oils
Vaselines
Non-toxic lubricants and cleaning products



FOOD

H1 food-grade lubricants
Thermal oils
Food-grade aerosols and degreasers



MINING AND QUARRYING

High-performance lubricating oils and greases



RAIL TRANSPORT

Lubricants for flanges and rails
Compressor oils
Gearbox oils



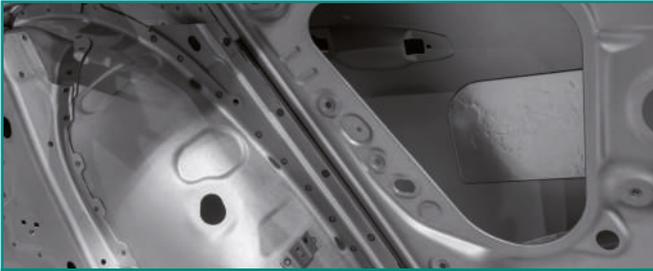
GRAPH

Crankcase oils for printing machines
Aerosols and greases
Cleaning product



TEXTILE

Lubricating oils and greases for textile machines
Process oils and auxiliary products for the textile industry



AUTOMOTIVE-METAL

Products for machining, forming and sintering



METAL CONTAINERS

Lubricants for deep drawing of metal food and industrial containers



COLD STAMPING

Oils for metal forming



FLAT GLASS

Lubricants for flat glass cutting
Oils for vacuum pumps



CONSTRUCTION

Products for sheet metal profiling and forming



RENEWABLE ENERGIES

Multigrade and low-temperature oils and greases



SPECIAL GREASES

Greases for cables
Greases for open gears
Pastes



BIODEGRADABLE LUBRICANTS

Hydraulics
Biodegradable greases
Form release agents

PRODUCT RANGE

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INDUSTRIAL OILS



MULTIFUNCTIONAL OILS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRA MF 10 / 22 / 32 / 46 / 68 / 100 / 150 / 220	10 / 22 / 32 / 46 / 68 / 100 / 150 / 220	Oils for lubricating bearings, hydraulics guides and gears. Classification: ISO-L-HM. They meet the requirements of the following standards: DIN 51524-Part 2 HLP / DIN 51517-Part 3 CLP.
ULTRA ATOX 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680   	32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680	White oils with additives for the lubrication of bearings, hydraulics, guides, gears, circulation and compressors. They meet the requirements of the following standards: ISO 6743/4-HM. DIN 51524-Part 2 HLP. DIN 51517-Part 3 CLP. DIN 51506-VD-L. Certified by NSF as H1 (accidental food contact).
ULTRASYNT ATOX 15 / 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680    	15 / 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680	Synthetic oils for long-lasting, high-performance lubrication in bearings, hydraulics, pumps, chains, gears and compressors. Exceeds standards: ISO 6743/4 - HM. DIN 51524 Part 2 HLP - DIN 51517 - Part 3 CLP - DIN 51506 - VD-L. Certified by NSF as H1 (accidental contact with food).
ULTRA VBA 46 / 68    	46 / 68	Multifunctional lubricants with vegetable-based oils, suitable for incidental contact with food (NSF H1), completely free of hydrocarbons and biodegradable. Specially designed as hydraulic fluids for oil mills. Quality level DIN 51524 Part 2 HLP / DIN 51517 Part 3 CLP.
ULTRATEF H1   	100	Multifunctional oil with PTFE for lubricating open mechanisms in the food industry. NSF-approved as H1 for incidental contact with food.
ULTRA BIO 100	100	Recommended for the lubrication of industrial gears, bearings, slides, chains, hydraulic circuits, pumps and circulating lubrication. Biodegradable in the event of possible lubricant spillage into the environment.

GENERAL LUBRICATION

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ENGINE OIL 5/7/12	68 / 100 / 150	General lubrication of machinery and mechanisms subjected to moderate loads and speeds. Highly lubricating and thermally stable.

SPECIAL LUBRICATION

ULTRA SP 2	2	Lubrication of high-speed spindles operating with extremely small tolerances ("zero tolerance").
ULTRA CS 200 H1   	200	H1 semi-synthetic oil with high oxidation stability and minimal residue formation. Lubrication of high-speed can sealing machines.
ULTRA SGT 32 / 46 / 68 / 100	32 / 46 / 68 / 100	Special mineral-based oils for steam and gas turbines under service, even with coupled gears. They meet the specifications of leading manufacturers. DIN 51515 standard, part 1 (L-TD), part 2 (L-TG).
ULTRA MCO 220	220	Oils formulated with high-quality paraffin base and specially selected additives to obtain optimum performance in their intended applications.
ULTRA TO 250	80	Lubricating oil specially designed for use in turbines and main and auxiliary gears. It can be used in air compressors and certain hydraulic equipment. It is formulated with highly refined mineral bases and special additives to improve its performance against oxidation, corrosion and wear. It complies with the MIL-PRF-17331K specification and corresponds to the NATO symbol O-250.
ULTRAGEAR AIR 570	570	Lubricating oil formulated with highly refined mineral bases and a special additive package designed for the lubrication of mechanical components using air-oil systems. Especially suitable for bearings under high loads and medium-low speeds in rolling mills in the steel industry.

GUIDES AND ADHERENTS

STANDARD SLIP 68 / 100 / 150 / 220 / 320 / 1000	68 / 100 / 150 / 220 / 320 / 1000	Special oils for lubricating horizontal and vertical guides and general lubrication without splashing. They contain additives for smoothness, adhesion and extreme pressure. Quality level ISO 6743/4-L-HG / DIN 51524 - Part 2 - HLP / DIN 51517 - Part 3 - CLP.
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GEARS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
STANDARD VAREN EP 100 / 150 / 220 / 320 / 460 / 680 / 1000	100 / 150 / 220 / 320 / 460 / 680 / 1000	Lubrication of industrial gears in crankcases. Complies with the requirements of DIN 51 517 standards. Part 3 – CLP / US STEEL 224 / AGMA 9005 – D94.
ULTRAGEAR EP 100 / 150 / 220 / 320 / 460 / 680	100 / 150 / 220 / 320 / 460 / 680	Mineral-based oils for gears operating under severe load conditions. High protection against <i>micropitting</i> . Approved by Siemens MD for use in Flender gears.
ULTRAGEAR LF 220 / 320	220 / 320	Mineral-based oils for lubricating gears and other mechanisms in extreme conditions. They reduce the coefficient of friction and energy consumption. They prevent, control and can reverse <i>micropitting</i> .
ULTRAGEAR CLPF 1000	1000	Lubricant formulated with highly refined mineral oils, a special additive package, graphite and molybdenum disulphide. It is particularly suitable for the long-term lubrication of enclosed gears under heavy-duty conditions, such as impact loads and high vibrations.

BIODEGRADABLE GEARS

ULTRAGEAR BIO 150	150	Biodegradable oil with vegetable-based components, designed for the lubrication of industrial gears, bearings, guides, cams and other mechanisms that require an oil with EP characteristics where there is a possibility of the lubricant being spilled into the environment.
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SYNTHETIC GEARS

ULTRAGEAR PG 100 / 150 / 220 / 320 / 460 / 680	100 / 150 / 220 / 320 / 460 / 680	Synthetic lubricants with high thermal stability and high lubricating power. For long-lasting lubrication of worm gears, circulation systems, and bearings at high temperatures (up to +200 °C).
ULTRASynt EP 150 / 220 / 320 / 460 / 680 / 1000	150 / 220 / 320 / 460 / 680 / 1000	Synthetic polyalphaolefin-based oils for gears operating under severe load and temperature conditions. Approved by Siemens MD for use in Flender gears.
ULTRASynt FGT 150	150	Special synthetic oil for lubricating bearings and gears under high loads in the food, beverage, pharmaceutical and cosmetics industries. Low friction coefficient. Complies with standards: ISO 12925 – CKB, CKC, CKD / DIN 51517 Parts 1, 2 and 3 – C, CL and CLP. NSF certified as H1 (incidental food contact).
ULTRASynt WG 220 / 680 / 1000	220 / 680 / 1000	Synthetic polyglycol oils for gears in severe operating conditions. Specially designed for worm gears.



SYNTHETIC GEARS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRASynt XWG 80 / 100	80 / 100	Polyglycol-based lubricants for applications with very high loads and speeds. Specially designed for looms where oils are recommended.
ULTRA OG 16M	16000	High-viscosity adhesive lubricant manufactured with synthetic hydrocarbons, base mineral oil and additives to achieve extraordinary load-bearing capacity. Completely free of heavy metals, solid lubricants, bituminous materials or chlorine. Particularly suitable for open gears subjected to heavy loads operating in adverse environmental conditions.

GRAPHIC ARTS GEARS

ULTRAPRESS AG 5 LA	68	Gear oil specially formulated in accordance with the requirements of printing machine manufacturers (MAN-ROLAND, etc.).
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COMPRESSORS AND PUMPS

STANDARD CP 32 / 46 / 68 / 100 / 150	32 / 46 / 68 / 100 / 150	Mineral oils for air compressors with specific additives. High oxidation stability, preventing the formation of deposits. Complies with DIN 51 506 standard. Category VD-L.
STICK PRESS AG 23	320	Special oil for vacuum and pressure pumps in graphic arts. Complies with DIN 51 506 / VBL / VC-L / VD-L standard.
STANDARD FRI 68	68	Naphthenic mineral oil for lubricating refrigeration compressors using ammonia, freons R12 and R22, and propane-butane. Complies with DIN 51503-KAA/KC/KE.
ULTRABAR HC 32 / 46	32 / 46	Special hydrocarbon-based oils for lubricating screw and vane compressors under severe operating conditions. Quality level: ISO 6743/3 – DAH / DIN 51 506 - VD-L.
ULTRABAR HS 32 / 46 / 68 / 100	32 / 46 / 68 / 100	PAO-based synthetic oils for long-term lubrication of screw and vane compressors under severe operating conditions. Quality level: ISO 6743/3 – DAJ / DIN 51 506 - VD-L.

COMPRESSORS AND PUMPS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRADEF TO-02	100	Mineral oil for reciprocating high-pressure air compressors used in ground support equipment. Complies with MIL-PRF-26087C. Corresponds to NATO code TO-02.

CHAINS

ULTRACHAIN HT 100 SG / 220 / 320 / 320 ND	100 / 220 / 320	Synthetic lubricants for chains operating at temperatures of up to +250 °C. High lubricating power. Prevents the formation of residues. ULTRACHAIN HT 100 SG has a high capacity for redissolving residues. ULTRACHAIN HT 320 ND does not contain colouring agents and is yellow in colour.
ULTRACHAIN PRO 150 / 270 / 460	150 / 270 / 460	Synthetic-based oils for chains with operating temperatures from +200 °C to +220 °C. High stability against oxidation and residue formation.
ULTRA CLT 320	320	Synthetic lubricant for chains operating from -30 °C to +120 °C. Resistant to moisture, water and steam. High adhesion. For chains, cables, cams, open points.
STANDARD SINT 15	15	Biodegradable synthetic ester-based chain oil. Working temperature range: -50 °C to +180 °C. Suitable for dusty environments and where there is a possibility of environmental contamination.
STANDARD CLT 460	460	Mineral oil for chains and guides operating at temperatures up to +150 °C with high loads and humidity. Quality level ISO 6743/4 – category L-HG / DIN 51517 – CLP.
ULTRACHAIN CPO 270	270	Synthetic ester-based oil for lubricating chains with operating temperatures up to +250 °C. Compatible with some paints used in cataphoresis.



CHAINS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRADRY 320	320	Dispersion of micronised graphite in a synthetic fluid for the lubrication of chains, bearings, sliding surfaces, support rings, etc. at temperatures up to +450 °C (+600 °C with sufficient relubrication).
ULTRACHAIN CLEAN	68	Synthetic ester-based oil for simultaneous cleaning and lubrication during operation. Working temperature up to +250 °C.
ULTRACHAIN FG 220	220	Synthetic ester-based oil for lubricating chains with a working temperature up to 250 °C. NSF certified as H1 (incidental contact with food).
		
ULTRACHAIN LRFG 290	290	Synthetic oil for lubricating chains with operating temperatures up to +220 °C. Minimal residue formation. NSF H1 certified.
		
ULTRACHAIN CTP 145	135	Special synthetic oil for lubricating chains in overhead and surface conveyors in cataphoretic painting lines. ULTRACHAIN CTP 145 is compatible with most water-soluble paints and prevents the formation of craters, fish eyes and other surface defects. Working temperature of +200 °C.
ULTRACHAIN HT 250 SX	220 / 320	Synthetic lubricant for chains at very high temperatures, e.g. continuous chipboard presses. Working temperature up to 260 °C.

NEBULISABLE OILS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
NEBULOIL 2	22	Highly refined oil with special additives for optimal spraying.

TECHNICAL

SIVANO 1/6	22 / 10	Technical oils for use as plasticisers and auxiliaries in chemical formulations.
SIVANO 3	16	Highly refined paraffinic mineral oil used as an auxiliary in the chemical industry, with a very low content of aromatic and unsaturated hydrocarbons and completely free of impurities.
WHITE SI 350 / 1000	220 / 680	Silicone oils with high thermal stability for the lubrication of mechanisms at temperatures from -30 °C to +200 °C, as well as for use as a spinning aid.

MEDICAL

FARMOL 22 / 33 / 55	15 / 32 / 68	Medicinal-grade white oils suitable for use as lubricants and auxiliary products in food, cosmetics, pharmaceuticals, etc. Quality level DAB 10 and FDA 178.3620 (a). Certified by NSF as 3H, suitable for direct contact with food.
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FARMOL 77

100

Paraffinic mineral oil (liquid paraffin) that meets the specifications of the main pharmacopoeias.



MEDICINAL

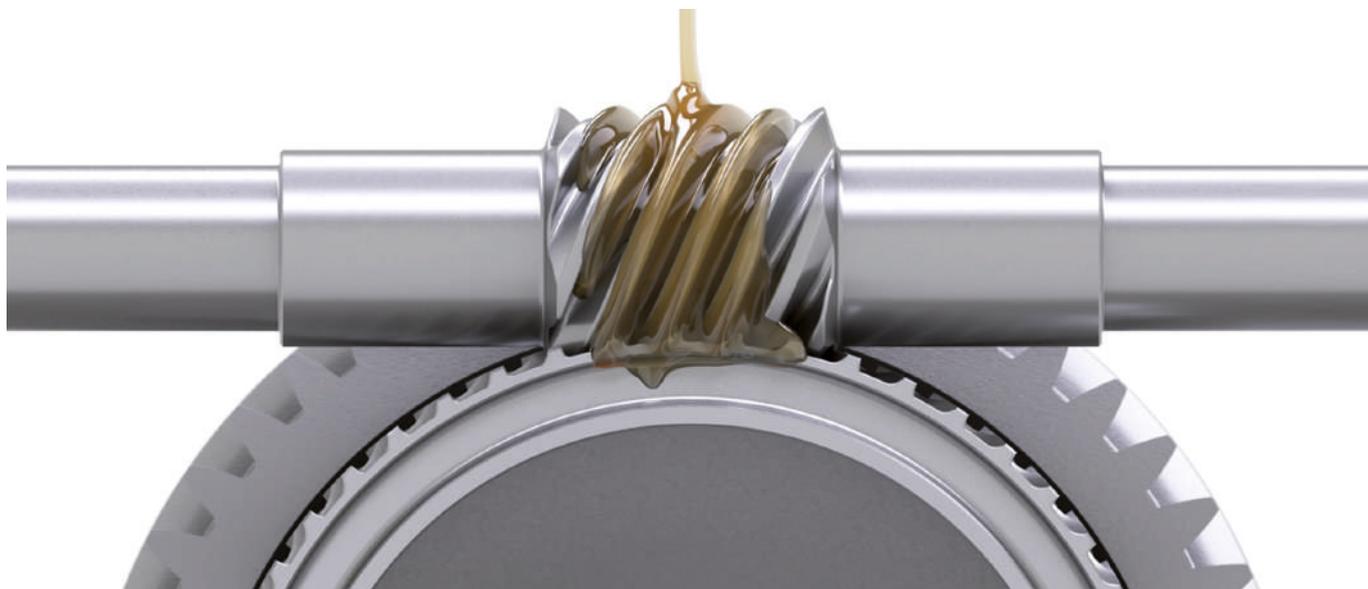
Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
FARMOL NL 	22	Medicinal white oil with the same uses as Farmol 22, but not classified as hazardous by inhalation due to its viscosity greater than 20.5 mm ² /s.
ULTRAFARM 40 	40	Medicinal-grade white oil stabilised with antioxidant, specially designed for bread dividers in bakeries, as a release agent and auxiliary product. Quality level FDA 178.3620 (a), FDA 172.878. Certified by NSF as 3H, suitable for direct contact with food.
ULTRAFARM VDP-E 	32	Vegetable oil with additives, specially designed for dough dividers and weighers in bakeries. High thermal and oxidative resistance. Certified by NSF as 3H, suitable for direct contact with food.
ULTRASIL CUT 300 	1	Food-grade silicone emulsion for lubrication and cooling in low-severity machining operations.
WHITE OIL FILANTE 	-	Solid medicinal-grade petroleum jelly suitable for cosmetic and medicinal uses, and as a lubricant in the food industry. Quality level DAB 10 and FDA 178.3620 (a).

HEAT TRANSFER FLUIDS

ULTRA HT 32	32	Thermal fluid with special bases for closed circuits. Operating temperature from 0 °C to +320 °C.
ACEITE TERMICO 3	22	Synthetic thermal fluid for closed circuits. Operating temperature range: -20 °C to +315 °C.
ULTRATERMIC P-6 	32	Synthetic-based thermal fluid for closed circuits where a food-grade product is required. Operating temperature up to +315 °C. NSF H1 and HT1 certification (incidental contact with food).

SPECIAL OILS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRA PFPE 150 / 220 / 460	150 / 220 / 460	Perfluoropolyether (PFPE) synthetic oils for lubrication in extreme conditions, presence of products aggressive chemicals, high temperatures and lifetime lubrication.
ULTRASYNTH PG 68	68	Synthetic auxiliary lubricating oil in copper and aluminium cable manufacturing processes.
ULTRASYNTH IF 40	32	Special synthetic oil for the lubrication of sintered bearings. Very wide operating temperature range: -60 °C to +150 °C.
ULTRASYNTH IS 150	150	Synthetic oil for lubricating IS machines used in the manufacture of glass bottles.
ULTRASYNTH HTSL 20	-	Synthetic fluid with solid lubricants for high-temperature lubrication, such as floating belts in rotary kilns. Working temperature up to +1150 °C.
ULTRASYNTH FBL 80	80	Oil with a saturated synthetic ester base for the lubrication of screws, bolts, fasteners and sliding surfaces on railway tracks and applications with potential environmental contamination. Product approved by SBB, Swiss Federal Railways.



SPECIAL HYDRAULICS FOR INDUSTRY

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
PRESOL HM 10 / 22 / 32 / 46 / 68 / 100 / 150	10 / 22 / 32 / 46 / 68 / 100 / 150	The right solution for increasing the effectiveness of 68 / 100 / 150 and reduce manufacturing costs. High-performance hydraulic oils with anti-wear, anti-corrosion, anti-oxidant and anti-foaming additives. Demulsifiers. Quality level: DIN 51 524 Part 2 HLP and equivalents.
PRESOL TH EP 3 / 4 / 5 / 8	32 / 46 / 68 / 100	High-performance hydraulic oils with anti-wear, anti-corrosion, anti-oxidant and anti-foaming additives. Ashless demulsifiers, red in colour. Quality level: DIN 51 524 Part 2 HLP and equivalents.
PRESOL HV 15 / 32 / 46 / 68 / 100	15 / 32 / 46 / 68 / 100	High-performance hydraulic oils with high viscosity index, containing anti-wear, anti-corrosion, anti-oxidant and anti-foaming additives. Demulsifiers. Quality level: DIN 51 524 Part 3 HVLP and equivalents.
PRESOL HV PLUS 22 / 46 / 68	22 / 46 / 68	Multigrade oil with a minimum viscosity index of 175 for outdoor exposure to extreme temperatures. HVLP quality level.
PRESOL HFC 40	46	Fire-resistant water-glycol hydraulic fluid, red in colour, with high lubricity and stability.
ULTRAPRESS SC HM 46 / 68	46 / 68	High-performance hydraulic oils with anti-wear, anti-corrosion, anti-oxidant and anti-foaming additives. Ashless demulsifiers. Quality level: DIN 51 524 Part 2 HLP and equivalents.
ULTRAPRESS SC HV 46 / 68	46 / 68	Refined and microfiltered "ashless" hydraulic oil for systems subject to large temperature variations and where anti-wear characteristics, oxidation stability and corrosion resistance are required to corrosion.
ULTRAPRESS SCD 46	46	High-performance hydraulic oil with anti-wear, anti-corrosion, anti-oxidant and anti-foaming additives. Ashless detergent. Quality level: DIN 51 524 Part 2 HLP and equivalents.
ULTRAPRESS SCD HD 46	46	Extreme pressure hydraulic oil, ash-free and with high detergent power. Paraffinic base with protectors against oxidation and corrosion, as well as wear reduction. Meets specifications: ISO 6743/4: HV, DIN 51.524, Part 3 (HVLPD) and DIN 51.517, Part 3 (CLP).

SPECIAL HYDRAULIC FLUIDS FOR INDUSTRY

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
PRESOL HE FR 46 / 68	46 / 68	Based on synthetic esters with a high flash point and additives. Recommended for hydraulic equipment operating in conditions where there is a risk of fire, such as continuous casting, mines, foundries, etc.
ULTRAPRESS HEES 46 / 68	46 / 68	Recommended for hydraulic equipment operating in conditions where there may be a risk of accidental spillage or environmental contamination, such as wind farms, hydroelectric power stations, ports, ski resorts, etc. It is also suitable as a fire-resistant hydraulic fluid. Operating temperatures: from -30 °C to +90 °C (with occasional peaks of +120 °C).
ULTRAPRESS SYNT	32/46	Biodegradable oils with Ecolabel certification and HEES quality.
ULTRAPRESS SC 46 SL	46	Premium ashless and super-clean oil (microfiltered).
ULTRAPRESS SC 46 KM	46	Premium ashless oil that meets the Krauss-Maffei specification.
ULTRAPRESS HV 46 LIFT	46	Multigrade hydraulic oil specially designed for lifts and elevators. <i>Stick-slip</i> additive.



- Please contact us for more information about our range of hydraulic oils with **MIL** and **NATO specifications**, for use in extreme safety conditions such as the army, navy, fire brigade, etc.



LUBRICATING GREASES



POLYUREA

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAPLEX PU 222 / 223	2 3	270 270	Polyurea greases with high thermal stability and very good lubricating capacity in a wide range of situations: high temperatures and speeds, adverse environmental conditions, etc. Working temperature from -20 °C to +150 °C, peaks of +180 °C.
ULTRAPLEX PU SYNT 322	2	270	Synthetic ester-based polyurea grease with performance Outstanding in applications involving high temperatures, heavy loads and the presence of water and steam. Operating temperature range from -20 °C to +200 °C, possible +220 °C with appropriate relubrication intervals.
ULTRAPLEX PU 4612	1-2	270	Polyurea grease for applications with high loads and temperatures, in steelworks, mining, cement, granulators, etc. Suitable for centralised lubrication systems. Working temperature from -20 °C to +180 °C, possible +200 °C in centralised systems.
ULTRAPLEX PU SYNT 320 / 12 TF	1-2	270	Grease formulated with synthetic base oil, polyurea thickener, antioxidant, anti-corrosion, anti-wear and extreme pressure additives pressure additives. Contains PTFE as a solid lubricant. Suitable for centralised lubrication of bearings and roller bearings operating at very high temperatures, +200 °C with peaks of up to +220 °C, and presence of high loads.
ULTRAPLEX PU LF 100 / 0	0	248	Mineral-based polyurea grease with LF additive technology to minimise wear in demanding applications.
ULTRAPLEX BLUE 2	2	280	Description and applications: Polyurea grease for bearings at high temperatures (+150 °C), subjected to heavy loads and vibrations. Blue colour.

CALCIC

Product	NLGI consistency	Drop point °C	Description and applications
GREASE CA-T 2	2	90 / 140	Greases for chassis and general lubrication up to +50 °C. Water and dirt resistant.

GREASE MAR 2 PLUS / 3 PLUS	2 3	140 140	Greases for chassis and general lubrication without load up to +90 °C. Good adhesion and water resistance.
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LITIC

LITKEN R 1 / 2	1 2	195 195	Multifunctional lithic greases for bearing lubrication with moderate loads, up to +120 °C.
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LITKEN COTTON GREASE	00	-	Special lytic grease for lubricating spindles in cotton harvesters such as Case, John Deere and International Harvester.
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EP LITHIC

LITKEN A 2 EP / 3 EP	2 3	185 185	Lithium greases with extreme pressure (EP) additives for bearings with heavy loads and medium to low speeds. Operating temperature up to +120 °C.
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LITKEN EP 00 / 0 / 1 / 2 / 3 / 4	00 0 1 2 3 4	- 185 185 190 190 190	Lithium greases with extreme pressure (EP) additives for bearings and gearboxes under heavy loads. Operating temperature up to +120 °C.
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LITKEN BLANC 2	2	190	Multifunctional EP grease for applications requiring white grease, in the textile, furniture, food industries, etc.
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LITKEN HD 1 / 2	1 2	200 200	High-performance EP lithographic greases. Allow extended relubrication intervals in the presence of high loads, water, dust, etc. Operating temperature from -20 °C to +140 °C.
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SOLID LUBRICANT LUBRICATED BEARINGS

Product	NLGI consistency	Drop point °C	Description and applications
LITKEMOL 71 / 72	1 2	195 195	Lithium EP greases with molybdenum disulphide, for extreme loads. Working temperature up to +120 °C.
LITKEN MOLIBDENO 2 / 3	2 3	180 180	Lithium greases with EP additives and molybdenum disulphide, for high loads and moderate speeds. Operating temperature up to +110 °C.
LITKEN MOLIBDENO 2	2	185	Lithium grease with EP additives, molybdenum disulphide and other solid lubricants, for high loads and moderate speeds. Operating temperature up to +110 °C.
LIKTEN GMV 2/3	2-3	190	Lithium EP grease with graphite for high loads and moderate speeds. Working temperature up to +110 °C. Specially designed for mobile machinery in mining, earthmoving, etc.
ULTRALIT SEG 34	2	190	Lithium grease with synthetic base and solid lubricants for lubrication of mechanical components operating at high speeds and shock loads. Lifetime lubrication of impact wrenches, drills, etc.
ULTRALIT HS 131 M5	1	200	Lithium grease with mineral and synthetic bases and 5% molybdenum disulphide (CAT requirement). Specially designed for mobile machinery in mining and earthmoving at low temperatures (down to -40 °C).

SPECIAL CALCIC

GELSA 00 / 0 / 200	00 0 2	140 140 140	Greases with exceptional water resistance, highly adhesive, for multifunctional lubrication at temperatures up to +120 °C.
GELSA BIO 0 / 1 / 2	0 1 2	140 140 140	Biodegradable, adhesive and water-resistant greases. Working temperature up to +120 °C.

SPECIAL CALCULATIONS

Product	NLGI consistency	Drop point °C	Description and applications
GELSA ECO L 57 	2	140	Lubricating grease made with biodegradable bases and special calcium thickener, with additives that improve its properties for the lubrication of bearings and other mechanisms with the potential for environmental contamination. All its components are approved according to the strict requirements of the European Union's Ecolabel regulations.
GELSA XEP 360	0	145	Grease for mineral block cutting equipment ("sword"). High load capacity and water resistance.
GELSA BIO FLUID	00 / 000	–	Special biodegradable grease for railways' flange lubrication systems that do not accept solid lubricants.
CALCOGRAF BIO 00 / 000	00 / 000	–	Biodegradable grease with graphite, specially designed for spray lubrication of flanges on railways. Operating temperature from -20 °C to +120 °C.
CALCOGRAF BIO FLUID W	000	–	Biodegradable grease with a synthetic base and graphite, specially designed for spray lubrication of flanges on railways in very cold climates. Also for other open mechanisms in extreme conditions. Working temperature from -40 °C to +120 °C.
CALCOGRAF BIO HEAVY	1	140	Biodegradable grease with graphite, with high adhesion and load capacity. Rail lubricators, forestry machinery, etc. Operating temperature from -20 °C to +120 °C.
CALCOGRAF BIO 323	3	140	Biodegradable grease with graphite, with high adhesion and load capacity. Lubrication of pantographs on railways, forestry machinery, mining, etc. Working temperature from -20 °C to +120 °C.
GELSA LICA 2	2	180	EP and adhesive lithium-calcium grease. Working temperature from -20 °C to +120 °C. Water resistant. Steel industry, paper industry, etc.
GELSA LT 215	2	150	Semi-synthetic grease for lubricating mechanisms at low temperatures. Operating temperature range: -40 °C to +140 °C.
ULTRAGREASE BETA 2    	2	140	Food-grade synthetic grease for low temperatures. Operating temperature range from -60 °C to +110 °C. NSF H1 certified.

ALUMINIUM COMPLEXES

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAPLEX SYNT 222 ALH1    	2	240	Description and applications: Food-grade synthetic grease for long-lasting lubrication in harsh environmental conditions. Operating temperature range -40 °C to +150 °C. NSF H1 certified.
ULTRAPLEX AL 2	2	260	Aluminium complex grease for lubrication at high temperatures (+150 °C). Particularly suitable for centralised systems.
ULTRAPLEX ALCA 00/2	00 2	- 255	Aluminium complex greases for manual lubrication of cables, gears and open mechanisms. High adhesion and load-bearing capacity.
ULTRAPLEX ALEA 0	0	200	Aluminium complex grease for the lubrication of open gears by spraying. Excellent EP properties. For cement plants, mining, sugar mills, etc.
ULTRAPLEX ALEA 2	2	235	Aluminium complex grease for lubricating open gears manually or with automatic systems. Excellent EP properties. For mobile machinery in mining, earthmoving, open drives in steelworks, chemical industry, paper mills, food industry, etc.
ULTRAPLEX ALEA 3000 FLUID / NLGI 00 / 00-0 / MEDIUM	000 00 00-0 0	- - - 240	Complex aluminium greases for the lubrication of open gears by spraying, immersion or circulation. Excellent EP properties. For cement plants, mining, sugar mills, etc.
ULTRAPLEX HAMMER	2	254	Aluminium complex grease for lubricating hydraulic hammers. Maximum tool protection in extreme conditions.
ULTRAPLEX DRILL 472	1-2	256	Mineral-based grease, aluminium complex soap, additives EP is a special combination of solid lubricants. Particularly suitable for lubricating hydraulic hammers used in drilling and demolition work.
ULTRAPLEX ALMA 00/1	00 1	- 220	Complex aluminium greases with high adhesion and load-bearing capacity, specially designed for centralised lubrication systems in heavy industry. Operating temperatures up to +150 °C. Consistency 00 for gears in crankcases with insufficient sealing for oil use.

ALUMINIUM COMPLEXES

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAPLEX ALX 461 / 2	1 2	240 240	Complex aluminium greases with molybdenum disulphide for heavy machinery in mining, steelworks, etc. Specially designed for centralised lubrication systems. High adhesion and water resistance.
ULTRAPLEX FG 00 / 0 / 1 / 2 	00 0 1 2	- 210 230 250	Food-grade complex aluminium greases for lubricating points with possible incidental contact with food. High protection against wear, high loads and corrosion. Working temperature from -20 °C to +150 °C. NSF H1 certification.
ULTRAPLEX FG 462 	2	250	Food-grade aluminium complex grease for lubricating grease points with the possibility of accidental contact with food. Very high adhesion and water resistance, high protection against wear, heavy loads and corrosion. Operating temperature from -20°C to +150°C. NSF H1 certified.
ULTRAPLEX ADH 1.5 / 2	1.5 2	240 240	Aluminium complex greases with very high adhesion and special sealing capacity for centralised lubrication systems in heavy industry. Working temperatures up to +150 °C.

SPECIAL INORGANIC

ULTRAGREASE ATOX 2 	2	Non-fusible	High-performance non-toxic grease with synthetic base and PTFE. Working temperature up to +160 °C. Specially designed for canning machines, washing plants, packaging plants and areas exposed to water and steam. NSF H1 certified.
ULTRAGREASE ALFA 2 	2	Non-fusible	Synthetic grease with PTFE. Extraordinary adhesion and resistance to water and steam. Working temperature +200 °C. Granulators, sterilisers, sealers. NSF H1 certified.
ULTRABEN 2	2	Non-fusible	Bentonite grease for high temperatures. Working temperature +150 °C. High adhesion and low oil separation.
ULTRABEN VL 1004 TG	4	Non-fusible	Bentonite grease with semi-synthetic base for lubrication and sealing valves operating with cold water, hot water, steam, acidic and alkaline solutions. Chemical industry, oil industry, etc.
ULTRABEN SYNT 10004 TF	4	Non-fusible	Synthetic bentonite grease for lubrication and sealing of valves operating with petroleum products, cold and hot air. Chemical, oil and gas industries, etc.

LITHIUM COMPLEXES

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAPLEX LT 1/2/3	1 2 3	270 270 280	Complex lithium greases for bearings at high temperatures (+150 °C), subjected to heavy loads and vibrations. Blue colour.
ULTRAGREASE GA 2	2	270	Lithium complex grease for high-temperature bearings (+150 °C), subjected to heavy loads and vibrations, where the natural brown colour of the grease is preferred.
ULTRAPLEX LT 1 PTFE / 2 PTFE	1 2	270 270	Lithium complex greases with PTFE for bearings at high temperatures (+150 °C), subjected to heavy loads and vibrations. Low coefficient of friction.
ULTRAPLEX LCH 12	1-2	244	High viscosity mineral-based grease with lithium soap Special complex for heavily loaded mechanisms in the steel, cement, mining industries, etc.
ULTRAPLEX AC 2	2	270	Semi-synthetic lithium complex grease with molybdenum disulphide. For the lubrication of slow-moving, heavily loaded mechanisms, such as bolts in public works.
ULTRAPLEX MC 2	2	270	Semi-synthetic lithium complex grease with molybdenum disulphide and lower base oil viscosity than Ultraplex AC 2. For lubrication with centralised equipment and at low temperatures, for slow-moving mechanisms and high loads in heavy industry, mining, public works, etc.
ULTRAPLEX ACK 2	2	270	Semi-synthetic lithium complex grease with solid lubricants. For lubricating slow-moving mechanisms and high loads, especially bolts in mobile machinery in mining and public works.

LITHIUM COMPLEXES

Product	NLGI consistency	Drop point °C	Description and applications
KRUPPER GREASE	1-2	270	Grease for hydraulic drilling hammers in special cartridges for automatic lubrication systems in ATLAS COPCO (KRUPP), HITACHI, KOMATSU hammers, etc.
ULTRAPLEX XT 2 SYNT	2	275	Lithium complex grease with synthetic bases and PTFE for mechanisms operating at temperatures up to +180 °C, with high loads and medium speeds.
ULTRAPLEX HP 2 SYNT	2	275	Complex lithium grease with synthetic bases, PTFE and solid lubricants for mechanisms operating at temperatures up to +180 °C, with very high loads and average speeds.
ULTRAPLEX TG 0 -1 SYNT / 1 SYNT	0-1 1	250 250	Lithium complex greases with synthetic bases for mechanisms operating at temperatures up to +200 °C, low speeds, with high loads and vibrations.
ULTRAPLEX LTM 1500 / 1	1	240	High-viscosity grease, special lithium soap and solid lubricants for the lubrication of crushers, mills and roller presses in the steel, cement and mining industries, etc.

SILICONE GREASES

ULTRASIL GREASE 2 	2	Non-fusible	Silicone grease for a wide temperature range (from -50 °C to +200 °C), with high resistance to oxidation and aggressive environments. For plastic-metal or plastic-plastic mechanisms under light loads.
ULTRASIL GREASE 9503	3	Non-fusible	High-viscosity, high-adhesion silicone grease for long-lasting lubrication and sealing of joints, valves and taps in harsh environmental conditions.



PASTES

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAPASTE CU 12 / 25	1 2	190 190	Pastes with high copper content and solid lubricants for lubricating drilling equipment and as assembly pastes for threaded joints.
ULTRAPASTE CU 12 SF	0	190	For lubricating cables at temperatures up to +1100 °C in the steel industry.
ULTRAPASTE XTG 320-12	1-2	Non-fusible	Graphite paste for lubricating and assembling mechanisms at high temperatures. Working temperature up to +900 °C.

CALCIUM SULPHONATE GREASES

GELSA MGCS 102	2	> 300	Grease manufactured with high-grade mineral base oil calcium sulfonate thickener and solid lubricants. Due to its solid lubricant content, it has high emergency lubrication capacity and is particularly suitable for greasing mechanisms subject to extreme loads, oscillating movements and difficult relubrication.
ULTRAPLEX CS 1 / 12 / 2	1 1-2 2	> 300 > 300 > 300	Calcium sulfonate greases that offer excellent protection against high loads and adverse environmental conditions, including seawater. Operating temperature range from -20 °C to +150 °C.
ULTRAPLEX MCS 1 / 2	1 2	300 300	Calcium sulfonate greases with special additives for very high loads and adverse environmental conditions, such as wood pellet granulators. Working temperature from -20 °C to +150 °C.
ULTRAPLEX XCS 462	2	300	Calcium sulfonate grease with light solid lubricants for applications with very high loads and the presence of moisture and water. Bolts in mining, wood pellet granulators, etc. Working temperature from -20 °C to +150 °C.
ULTRAPLEX XWR 4612	1-2	300	Calcium sulfonate complex grease. Greater mechanical stability under high loads and elevated temperatures, in the presence of water or steam.
ULTRAPLEX XWR 221 G5	1	> 300	Mineral-based grease ISO VG 220 with sulfonate complex thickener Calcium, NLGI consistency (1) and 5% graphite. Suitable for high loads and harsh environmental conditions in heavy industry, mining, etc. Operating temperature from -20 °C to +160 °C. Colour: black.
ULTRAPLEX CSFG 460 / 462	0 2	300 300	Calcium sulfonate greases with high viscosity semi-synthetic base oil for the lubrication of mechanisms exposed to high loads and temperatures, with the presence of water and moisture. NSF H1 certification for incidental contact with food.



SPECIAL GREASES

Product	NLGI consistency	Drop point °C	Description and applications
ULTRAGREASE TOP 1/2    	1 2	- -	Fluorinated grease and special PTFE thickener for lubrication in extreme conditions. Working temperature from -30 °C to +260 °C. Resistant to solvents and almost all chemicals. Food grade with NSF H1 certification. High load capacity.
ULTRAGREASE PFX 512	2	-	Fluorinated grease with special PTFE thickener for lubrication in extreme conditions. Working temperature from -30 °C to +260 °C. Resistant to solvents and almost all chemicals. High load capacity. Longer service life than most fluorinated greases on the market.
ULTRAPLEX BA 221 / 2212 / 2223 / 4612 / 462	1 1-2 2-3 1-2 2	245 245 245 245 245	Mineral-based complex barium greases with high load-bearing capacity and exceptional resistance to water and moisture. Especially suitable for the lubrication of bearings in the textile, steel, cement and paper industries, etc.
ULTRAPLEX BA SYNT 24	2	250	Synthetic-based complex barium grease for the lubrication of bearings and other mechanical components subject to high speeds, heavy loads and adverse environmental conditions. Speed factor: 1,000,000. High resistance to water, emulsions, acids and alkalis.

WAXES

GELSA WAX PT	-	-	Wax specially designed as a filling material for PT cable systems used in the prestressing of building structures. GELSA WAX PT wax is a filling material in accordance with ETAG 013, Annex C.4.2.
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WATER MISCIBLE COOLANTS



BORON-FREE AND FORMALDEHYDE-FREE SOLUBLE FLUIDS

Product	Type of emulsion	Water hardness range [°fH]	Description and applications
CUTTINSOL GREEN 102	Green / Transparent	0-80	Synthetic fluid with nitrites for grinding ("TALADRINA VERDE").
ULTRASOL 075 NS	Transparent	0-90	Synthetic fluid for grinding and medium machining of cast iron, steel and ferrous alloys.
ULTRASOL 440	Milky opalescent	10-60	Semi-synthetic fluid with high mineral oil content for machining and grinding conventional steels and aluminium. Soft and medium water.
ULTRASOL 436	Opalescent milky white	0-30	Semi-synthetic fluid for medium and heavy-duty operations on steel and aluminium alloys.
ULTRASOL E 55	Opalescent	5-50	Mineral oil-free fluid based on esters and soaps. Medium-high difficulty operations on steel and aluminium (compatible with aeronautical aluminium).
ULTRASOL 452	Milky opalescent	10-70	EP cutting fluid for machining aluminium alloys, steels and titanium. Medium and hard waters.
ULTRASOL E 66 AL	Transparent	0-40	Mineral oil-free soluble fluid for machining and grinding aluminium and steel.

BORON-FREE AND FORMALDEHYDE-FREE SOLUBLE FLUIDS

Product	Type of emulsion	Water hardness range [°fH]	Description and applications
ULTRASOL 671	Milky	5-70	Boron- and amine-free cutting fluid specifically designed for machining yellow metals.
CUTTINSOL 5 T	Milky	0-40	Soluble mineral for general machining ("WHITE CUTTING FLUID") for all types of metals.
SAWCOOL BIO	Milky	5-30	Soluble and biodegradable fluid for cooling band saw blades (sawmills).

SOLUBLE MACHINING FLUIDS WITHOUT FORMALDEHYDE RELEASE

ULTRASOL 50 R	Transparent	0-40	Synthetic fluid for grinding and light machining of cast iron, steel and ferrous alloys.
ULTRASOL HM-S	Transparent	0-40	Synthetic fluid for grinding and light machining of cast iron, steel and ferrous alloys. Special HARD METAL.
CUTTINSOL 231	Opalescent	0-30	Semi-synthetic fluid with AW additives for machining and grinding cast iron, steel and conventional aluminium. Soft water.
ULTRASOL 064	Transparent	0-30	Boron-free synthetic fluid suitable for flat and cylindrical grinding of ferrous metals, cast iron, nodular cast iron and high carbon steels.
ULTRASOL 210	Opalescent	0-30	Boron-free semi-synthetic soluble fluid suitable for machining and grinding steel and, in some cases, aluminium.
ULTRASOL 335	Milky Opal-like	0-40	Semi-synthetic fluid for machining and grinding steel, stainless steel, and non-aeronautical aluminium. Medium and high difficulty operations.
ULTRASOL 384	Milky	10-70	Semi-synthetic fluid for machining and grinding cast iron, steel, stainless steel, and non-aeronautical aluminium. Medium and high difficulty operations. Excellent anti-corrosive capacity.
ULTRASOL 631	Milky	0-30	Soluble fluid for high-difficulty machining of all aluminium and titanium alloys. Also suitable for other metals: steels and, occasionally, yellow metals.

SOLUBLE FLUIDS FOR METAL MACHINING: GENERAL RANGE

Product	Type of emulsion	Water hardness range [°fH]	Description and applications
ULTRASOL 65 R	Transparente	0-40	Synthetic for grinding and light machining of cast iron, steel and ferrous alloys.
CUTTINSOL 24 RO	Opalescente	0-30	Conventional semi-synthetic fluid for machining and grinding cast iron, steel, stainless steel and conventional aluminium. Soft water.
CUTTINSOL 5 T	Lechosa	0-40	Mineral soluble oil for general machining ("WHITE DRILLING OIL") for all types of metals.
CUTTINSOL 7	Transparente / Opalescente	0-100	Semi-synthetic fluid for machining and grinding cast iron, conventional steels and aluminium. Medium and hard water.
ULTRASOL 45 AD	Lechosa opalescente	20-80	Semi-synthetic fluid with medium mineral oil content for machining and grinding cast iron, steel and conventional aluminium. Medium and hard water.
ULTRASOL 60 EP	Opalescente lechosa	5-60	Semi-synthetic fluid for machining and grinding cast iron, steel, stainless steel, and non-aeronautical aluminium. Medium and high difficulty operations. Excellent anti-corrosive capacity.
ULTRASOL 25 NF	Lechosa opalescente	10-50	Boron- and amine-free multi-metal cutting fluid. Compatible with aeronautical aluminium.



COMPATIBLE SLIDEWAY OILS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRAGUIDE 68	68	Oil recommended for horizontal guides with high adhesive capacity and anti-stick-slip additives (stick-slip effect <i>stick-slip</i> effect) compatible with emulsions due to its separation capacity.
ULTRAGUIDE 220	220	Oil recommended for vertical guides with high adhesive capacity and anti-shake additives (<i>stick-slip</i> effect), compatible with emulsions due to its separation capacity.

ADDITIVES FOR BATHS

BIOPOL K 14	Bactericide and fungicide for shock treatments. 1 litre per 10,000 litres of emulsion.
DEFOAMER E	Defoamer for shock treatments in emulsions. Approximately 1 litre per 10,000 litres of emulsion.
DEFOAMER K	Additive for hardening water based on calcium salts. Chloride-free.

AUXILIARY PRODUCTS

STANDARD SYSTEM CLEANER	System cleaner with used emulsions. Add 1-2% to the emulsion in use to be changed.
ULTRADEG WASH D50	Water-based detergent for cleaning the exterior and interior of machines. Does not damage paint or plastic. Protects metals. Does not damage paint. Available in 200 L, 20 L and 1 L (spray bottle) containers.

NEAT CUTTING OILS



NEAT CUTTING OILS (CHLORINE FREE)

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRACUT GR 3.5	3,5	High-quality oil for honing and grinding. Also useful for general machining of non-ferrous metals. Low colour.
ULTRACUT GR 5	5	High-quality oil for honing and grinding based on hydrocracked oils. Also suitable for general machining of non-ferrous metals. Low colour.
ULTRACUT GR 10 S	7	High-quality oil for honing and grinding based on hydrocracked oils. Also useful for general machining of non-ferrous metals.
ULTRACUT GR 12	13	High-quality oil for honing and grinding based on hydrocracked oils. Also useful for general machining of non-ferrous metals.
ULTRACUT GR BIO 8	8	Hydrocarbon-free synthetic oil for multi-metal grinding. Particularly suitable for sharpening and grinding carbide tools.
ULTRACUT GR 5 SYNT	5	Slot and profile grinding, cylindrical grinding of carbide, HSS, CBN.

NEAT CUTTING OILS (CHLORINE FREE)

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRACUT ECO	21	Oil for general machining of non-ferrous metals and light machining of ferrous metals. Suitable for grinding aluminium and bar turning.
ULTRACUT UNI	21	Multimetal oil for medium-duty machining. Contains anti-mist additives. Specially designed for bar turning.
ULTRACUT MV 2122	22	Multi-metal oil for medium-duty machining based on hydrocracked oils. Specially designed for bar turning where misting is a problem.
ULTRACUT EXTRA	21	Oil for heavy-duty machining of steels and stainless steels. Contains anti-mist additives.
ULTRACUT EXTRA NGM	22	Oil for heavy-duty machining of steels and stainless steels based on hydrocracked oils. Contains anti-mist additives. Precision bar turning. Machining of implants and titanium parts (medical sector).
ULTRACUT SUPER	30	Special oil for gear cutting and thread rolling.
ULTRACUT MV 2114	15	For medium and high severity machining of all types of metals. Low speed threading and broaching. Recommended for PFIFFNER high precision bar turning machines.
ULTRACUT 154	13	Oil for medium and high severity machining of steels. Drilling and threading.
ULTRACUT TP 2740	15	Oil designed for very demanding operations such as deep drilling and high-speed broaching. Based on hydrocracked oils.
ULTRACUT BIO 22	22	Hydrocarbon-free oil based on vegetable and synthetic esters for jet machining and multi-metal spraying. Machining of implants and titanium parts (medical sector).
FERROCUT MF 32 / 46	32 / 46	Pure cutting oil with multifunctional properties, suitable both for lubricating the cutting point (tool) and for use as hydraulic system oil.
ULTRACUT BV 7 / 11 / 15 / 22 / 25	7 / 11 / 15 22 / 25	Oil for heavy-duty machining of steels and stainless steels. GTL technology. Low evaporation. Micro-turning and dental medical sector.
ULTRACUT BV 157 T	15	Turning of stainless steel, titanium. Recommended by TORNOS TECHNOLOGIES IBÉRICA.

NEAT CUTTING OILS (CHLORINATED)

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
PRODACUT P	19	Oil for general machining of copper, brass and bronze. Turning, milling and drilling of low-alloy steels.
PRODACUT	20	For basic machining of low-alloy steels, copper and aluminium, especially medium-severity cuts. Turning, milling and drilling of low-severity alloy steels.
FERROCUT 10	17	Oil for general machining of all metals. EP additive content. Good performance with aluminium and copper. Turning, milling and drilling of medium severity.
FERROCUT 30	38	Oil for severe machining at low speeds. High EP content. Specially designed for gear cutting and thread rolling.
FERROCUT 40	18	Lubricant developed for machining medium and heavy-duty steels. High EP additive content. Suitable for medium and high-speed internal and external broaching, and for deep drilling of alloy steels.
FERROCUT 50	16	Oil for heavy-duty machining of stainless steel. Maximum EP content. Specially designed for deep drilling and high-speed machining, including high-speed internal broaching.

CUTTING OILS FOR ELECTROEROSION - EDM

ULTRACUTTING LIGHT	1,6	Low-viscosity electroerosion oil with high decanting capacity. Suitable for machines with self-cleaning filters. ONA approved. H1 certified (incidental contact with food).
 		
CUTTINOIL EL	2,5	Low viscosity electroerosion oil for roughing operations. High flash point and low odour. ONA approved.
CUTTINOIL EL 3.5	3,9	Low viscosity EDM oil with the highest flash point (+120 °C).

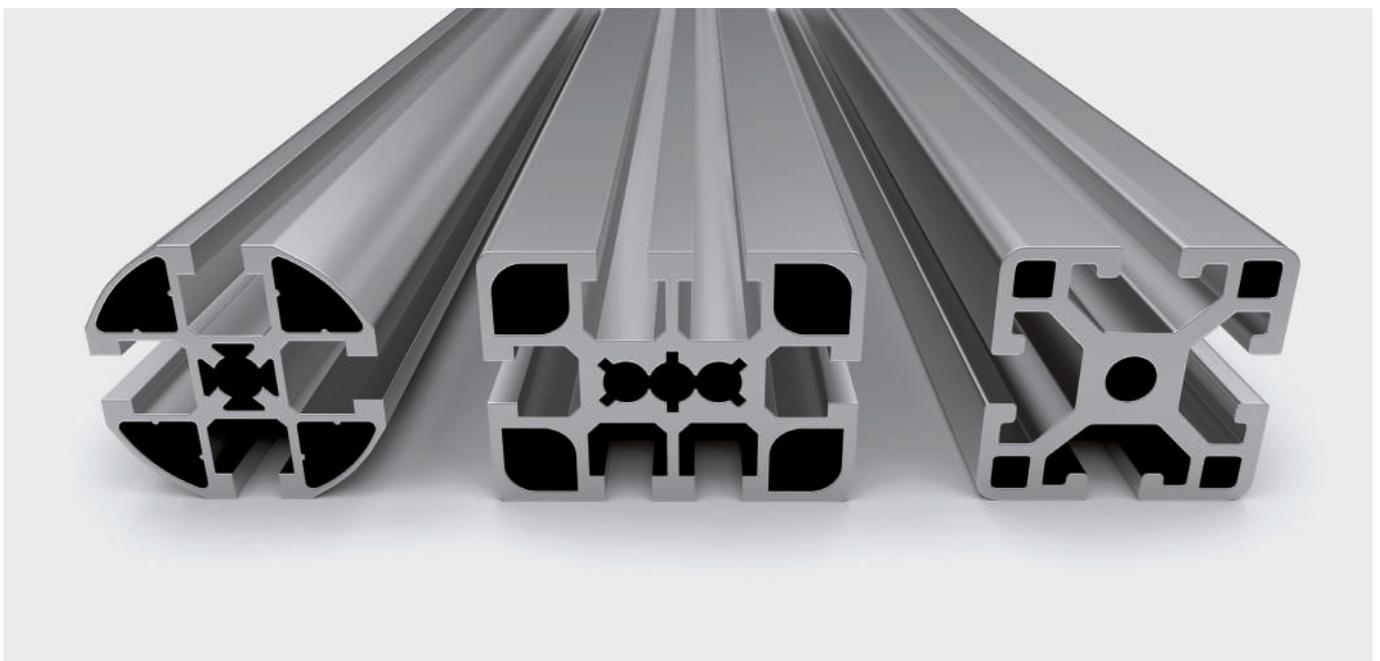
SYNTHETIC CUTTING OILS FOR MQL APPLICATIONS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRACUT BIO 5	5	Hydrocarbon-free oil based on multifunctional vegetable and synthetic esters: aluminium profile cutting, machining, stamping operations.
ULTRACUT BIO 300 SP	32	Synthetic oil for general multi-metal machining.
ULTRACUT BIO 500 SP	46	Synthetic oil for general multi-metal machining.
ULTRACUT BIO 600 SP	32	Synthetic oil for general machining and heavy-duty operations. Especially suitable for drilling.
ULTRACUT BIO ALC 25	27	Oil specially developed for cutting aluminium with saws (disc and band). Does not stain aluminium in thermal degreasing and is odourless.



SYNTHETIC CUTTING OILS FOR MQL APPLICATIONS (ALUMINIUM PROFILES)

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRALUB EV 460 S	2,5	Low-viscosity semi-evaporable fluid for cutting aluminium profiles.
ULTRALUB EV 9	2,4	Low-viscosity evaporable fluid for cutting aluminium profiles.
ALUMOL FLUID 32	31	Fluid for cutting aluminium profiles. Also suitable for machining.



METAL FORMING LUBRICANTS



PURE OILS FOR STAMPING AND DEEP DRAWING (CHLORINE-FREE)

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRALUB AC 5	5	Semi-evaporable oil for cold metal forming. Multi-metal and easily washable.
ULTRALUB AC 15 ATOX    	27	Biodegradable synthetic oil, free of chlorine and heavy metals, as well as any other compounds classified on negative lists. Free of hydrocarbons. Free of MOSH and MOA. NSF 3H-H1 certified.
ULTRALUB AC 25 / 40 / 70 / 90 L / 100 EP 150 / 220 / 2400	25 / 40 / 70 / 90 100 / 150 / 220 2400	Pure oils for stamping and deep drawing.
ULTRALUB SP 100 / 220 / 320 / 680 / 1050	100 / 220 / 320 680 / 1050	Pure oils for stamping, deep drawing, fine cutting and wire drawing.

LUBRICANTS FOR METAL FORMING

NEAT OILS FOR CLOSE-TOLERANCE CUTTING

EMBATOL 10	80	Deep drawing of stainless steel, carbon steel, aluminium and yellow metals. Especially recommended for fine cutting operations.
ULTRALUB AC 70	70	For medium and high severity stamping and deep drawing operations on steels and alloy steels. Can also be used for sheet metal punching and fine cutting operations.

NEAT OILS FOR PRECISION CUTTING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRALUB SP 100	100	Free of chlorine and heavy metals. Especially recommended for fine cutting and punching.
ULTRALUB SP 220	220	Semi-synthetic stamping lubricant, not miscible in water, based on synthetic and natural greases, with a high content of extreme pressure additives and anti-corrosion additives. The product has high polarity, giving it excellent affinity to metal surfaces.

NEAT OILS FOR STAMPING AND DEEP DRAWING (CHLORINATED)

EMBATOL A	22	Deep drawing of stainless steels, carbon steels, and aluminium. Its low viscosity minimises lubricant consumption and greatly facilitates the degreasing process with conventional solvents.
EMBATOL 10	80	Deep drawing of stainless steel, carbon steel, aluminium and non-ferrous metals. Especially recommended for fine cutting operations.
EMBATOL 15	150	Excellent corrosion protection for stamped parts. Given its high content of synthetic EP components, this product will prevent scratches, grooves and breaks in the stamped sheet metal, also extending the useful life of the die and punches. Easily removable with solvents or alkaline detergents.
EMBATOL 20	220	For deep drawing of all types of steel, allows a high degree of deformation in a single stage, with an excellent surface finish. Contains chlorine. Free of heavy metals.
EMBATOL 40	460	For deep drawing of stainless steel, it allows a high degree of deformation in a single stage, with an excellent surface finish. Maximum EP additive content. Does not contain mineral oil. Contains chlorine. Free of heavy metals.
EMBATOL 95	1.100	Especially suitable for bar drawing processes (square, hexagonal, round, etc.) up to 75 mm of stainless steel and carbon steel and wire drawing.

SOLUBLE FLUIDS FOR DEFORMATION AND DEEP DRAWING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRADRAW 110 T	80	Emulsifiable mineral-based fluid with EP additives. Especially recommended for deep drawing and stamping of aluminium and alloys, but suitable for all metals. Free of chlorine, boron, amines and nitrites.
ULTRADRAW E 68	120	Synthetic soluble fluid for deformation. Contains extreme pressure and anti-wear additives. Suitable for deep drawing of aluminium alloys.
ULTRADRAW PASTE TK	Paste	Soluble paste for deep drawing of stainless steel, steel and aluminium. Apply diluted in water.
ULTRADRAW GEL	Gel	Gel for plastic/plastic tube assembly.
ULTRADRAW E 68 D10	< 10	Fluid for use in printing.
ULTRADRAW E 68 D20	< 10	Ready-to-use fluid for printing.
ULTRADRAW 787	3	Water-based evaporable for profiling.
ULTRADRAW 794	< 10	Synthetic fluid for general use. Light stamping of steel and stainless steel.



SOLUBLE FLUIDS FOR WELDED TUBE FORMING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRADRAW 805	80	Synthetic soluble oil for tube forming with welding. Amber liquid.
ULTRADRAW TDR	60	Semi-synthetic emulsifiable fluid for medium-duty stamping of ferrous metal and profiling of steel and galvanised steel tubes. Free of chlorine, secondary amines and nitrites.

ANTI-SPLASH

DESTAC BIO PROJECT	10	Water-based biodegradable product for use as anti-spatter in welding operations. Silicone-free and compatible with KTL (tested by BASF).
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EVAPORABLE OILS FOR DEFORMATION

ULTRALUB EV 3	75	High drying speed, for stamping and forming thin sheet metal. Neutral odour. Leaves a minimal residual film compatible with subsequent surface operations without prior degreasing.
ULTRALUB EV 3 ATOX	60	High drying speed, especially recommended for stamping steel containers with embossed areas. Neutral odour. In many cases, no prior degreasing is necessary for subsequent surface operations. H1 certified (accidental contact with food).



EVAPORABLE OILS FOR DEFORMATION

Product	Flash point (°C)	Description and applications
ULTRALUB EV 5    	45	Very fast drying speed, for stamping, forming and punching steel sheets, allowing for medium embossing. Slight odour. In many cases, prior degreasing is not necessary for subsequent surface operations. Flammable.
ULTRALUB EV 6 ATOX   	95	Evaporable oil for light deformation of non-ferrous metals. Can be used on easy-open lids in can manufacturing. H1 certified.
ULTRALUB EV 7 ATOX    	75	High drying speed, for stamping in high-speed presses and deep drawing of food lids. Neutral odour. In many cases, no degreasing is required prior to subsequent surface operations. H1 certified (incidental contact with food).
ULTRALUB EV 10 EP	75	High drying speed, with extreme pressure capacity, for stamping, medium deep drawing and punching of steels and alloy steels (automotive parts, shelving, taps, etc.). Residual coating with excellent anti-corrosion protection, in many cases avoiding the need for degreasing prior to subsequent surface operations.
ULTRALUB EV 11 PC   	> 65	Lubricant for paper cup machines in the production of hot and cold drink cups.
ULTRALUB EV 15 EP	85	Evaporable oil for ferrous metal forming. It can be used in highly difficult operations, even up to 3 mm thick.
ULTRALUB EV 50   	45	Pure cooling lubricant for light stamping of aluminium, copper and brass. Especially suitable for the final stages of processes such as rolling, as it leaves no residue.

EVAPORABLE OILS FOR DEFORMATION

Product	Flash point (°C)	Description and applications
ULTRALUB EV 307 AL	65	Evaporable oil for non-ferrous metal forming. Highly suitable for the production of aluminium fins for radiators. Compatible with refrigerant gases.
ULTRALUB EV 350 AL   	75	Evaporable oil for non-ferrous metal forming. Highly suitable for aluminium forming. H1 certified.
ULTRALUB EV 542	65	Evaporable oil for the forming of all types of metals. Specifically for magnetic sheet metal. Highly compatible with elastomers.
ULTRALUB EV 2645 S   	105	Relatively slow drying, recommended for medium deep drawing and stamping of all metals. Very mild odour. In many cases, no degreasing is required prior to subsequent surface operations. VOC-free. H1 certified (incidental contact with food).

EVAPORATIVE LUBRICANTS FOR FLAT GLASS CUTTING

ULTRALUB LIGHT   	75	Fast-evaporating synthetic lubricant for short cutting cycles. Odourless, leaves no residue.
CUTTINOIL SPECIAL GLASS	66	Evaporable lubricant for medium cutting cycles. Leaves no residue.
ULTRALUB EV 3	75	Fast-evaporating synthetic lubricant for short cutting cycles. Ideal for cutting insulating and lowemission glass. Odourless.
GLASSCUT 65 HS	75	Transparent, odourless oil, free of chlorine, based on volatile hydrocarbons and with a balanced content of synthetic lubricating additives. It does not give off unpleasant odours and does not cause irritation to the skin, throat or eyes.



NEAT OILS FOR ALUMINIUM WIRE DRAWING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ECODRAW A-90	95	Pure oil for aluminium wire drawing. All diameters.
ECODRAW A-100 ATOX NSF	100	Pure oil for aluminium wire drawing. All diameters. H1 certified.
ECODRAW A-150	150	Pure oil for aluminium wire drawing. Suitable for cablebar.
ULTRACUT GR 10 S	7	High-quality oil for honing and grinding based on hydrocracked oils. Also useful for general machining of nonferrous metals.
ULTRALUB 105 TT	2,8	Synthetic oil for drawing very thin aluminium wire. Wire cleaning fluid.



LUBRICANTS FOR ALUMINIUM EXTRUSION

ULTRACAST NB D10	120	Boron nitride dispersion in water for hot forming. Lubricating and mould release properties.
ULTRACUT BIO ALC 25	27	Oil specially developed for cutting aluminium with saws (disc and band). Does not stain aluminium during thermal degreasing and is odourless.
ALUMOL FLUID 32	31	Fluid for cutting aluminium profiles. Also suitable for machining.
ULTRALUB EV 9	2,4	Low-viscosity evaporable fluid for cutting aluminium profiles. For application by micro-spray.

NEAT OILS FOR DEEP DRAWING OF ALUMINIUM AND YELLOW METALS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ECODRAW A-40	40	Pure oil for stamping and deep drawing of non-ferrous metals.
ECODRAW A-80	95	Pure oil for stamping and deep drawing of non-ferrous metals. Specially designed for highly difficult operations with aluminium alloys.
ECODRAW A-120	120	Pure oil for stamping and deep drawing of non-ferrous metals.
ECODRAW A-70	135	Pure oil for stamping and deep drawing of ferrous and nonferrous metals. Specially designed for highly difficult operations with aluminium alloys.

OILS FOR COLD EXTRUSION (SCREWS)

ULTRALUB CF 500 EP	110	Free of chlorine and heavy metals. For medium and high severity cold stamping (especially for fasteners). Also suitable for steel and alloy steel extrusions and even stainless steel processes.
ULTRALUB CF 800 MF	68	Non-chlorinated oil for medium and high severity cold stamping. Multifunctional oil that can also be used for machinery lubrication.
ULTRALUB CF 907	140	Especially recommended for the most severe cold stamping and extrusion operations on all types of steel, and especially for high-alloy and stainless steels in highly difficult operations.



HIGH-PRESSURE ALUMINIUM AND ZINC CASTING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRACAST W 2100	<10	Mould release agent for aluminium and zamak casting.
ULTRACAST INJECT Z	<10	Mould release agent for aluminium and zamak casting.
ULTRACAST 2070 MZK	2,3	Solvent-based release agent for zamak.
ULTRACAST PST 460 V	450	Vegetable oil-based lubricant for pistons.

BAR STRETCHING AND CALIBRATION

ULTRALUB AC 127	125	Oil for cold drawing of round bars.
ULTRALUB AC 161	160	Oil for cold drawing of round bars.
ULTRALUB AC 280	280	Oil for cold drawing of round and rectangular bars. High performance.
PREVENT-RUST GR 10	10	Oil for bar calibration with lubricating and anti-corrosive properties.

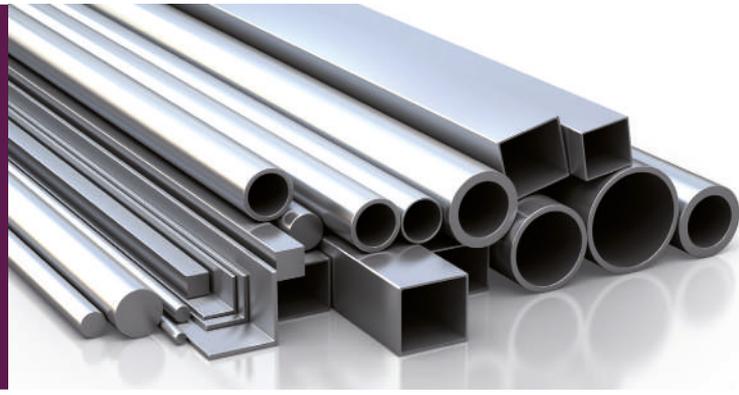
HOT FORGING, CASTING AND STEELMAKING

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
ULTRACAST W 950	800	Non-graphite-based fluid based on salts which, when mixed with water, is used to cool tools such as dies, moulds and punches, in hot forming processes such as forging or stamping. It is recommended for use in all types of water.
ULTRAFORGE GW 13	400	Water-dispersed graphite release agent.
ULTRAFORGE EM	<10	Water-based release agent free of graphite for aluminium forging.
ULTRAFORGE B	900	Colloidal dispersion of graphite in mineral oil for hot forging and brass stamping.
ULTRACAST 209	7	Green mould release agent for iron casting processes.
ULTRACAST GR 3500	2000	Mould release agent for semi-continuous aluminium casting.
ULTRACAST 85	85	Mould release agent for continuous casting in steelmaking. Production of billets and slabs (rectangular blooms).

QUENCHING OILS

Product	ISO VG viscosity (cSt at +40 °C)	Description and applications
TEMPLEX N	22	Non-washable quenching oil. Low viscosity, high oxidation stability and high flash point.
TEMPLEX VS	22	Washable quenching oil for high-speed cooling. Low viscosity, high oxidation stability and high flash point.
TEMPLEX VS 460	460	Quenching oil for baths exposed to high temperatures.
TEMPLEX SOL 441	320	Water-soluble fluid based on synthetic polymers for quenching steel. Working temperature between +20 °C and +50 °C. At high concentrations, the cooling rate is similar to that of an oil, while at low concentrations it exceeds that of water..
TEMPLEX COOLANT ATOX	-24	Fluid based on USP medical grade propylene glycol and food grade anti-corrosion additives. The PPG content is 40% w/w. Protection of cooling circuits in installations where there is a possibility of contact between the antifreeze and food, pharmaceutical or cosmetic products.
TEMPLEX COOLANT ATOX CONC	< -50	Fluid based on USP medical grade propylene glycol and food grade anti-corrosion additives. Protection of cooling circuits in installations where there is a possibility of contact between the antifreeze and food, pharmaceutical or cosmetic products. Originally a product for use as is, although it can be diluted with a maximum of 30% demineralised water.
TEMPLEX COOLANT MH	2	Water-based fluid mixture of anticorrosives and glycols used in closed circuits to cool and protect components such as machine tool heads and hydraulic systems.

METAL PROTECTION



ANTI-CORROSIVE FLUIDS

Product	Film type	Description and applications
PREVENT-RUST A-1	Oily	Anti-corrosive and water-displacing fluid. For machined parts with drilling fluids. Leaves a thin film.
PREVENT-RUST A-3	Oily	Non-VOC anti-corrosive and water-displacing fluid. Shortand medium-term protection.
PREVENT-RUST A-5	Oily	Thick-film anti-corrosion fluid for medium- and long-term protection. Compatible with halogenated solvents used in industrial washing machines. Non-VOC.
PREVENT-RUST A-6	Waxy - oily	Water displacing. No VOC.
PREVENT-RUST A-7 AD	Oily	Medium-thickness oily film antioxidant with long-term protection. No VOC.
PREVENT-RUST A-25	Oily	Medium film water-displacing anti-corrosive fluid with high antioxidant additive content and anti-corrosive additives.

ANTI-CORROSIVE FLUIDS

Product	Film type	Description and applications
ULTRARRUST A-45 HC	Oily	Special anti-corrosive fluid for lubricating galvanised sheet metal profiling processes. Dry film. Low odour.
PRODASPIT	Oily	Anti-corrosive and water-displacing fluid. Ideal for machined parts with drilling fluids, leaving a thin but highly resistant protective film (> 80 h salt spray chamber).
ULTRARRUST 120W	Waxy	Water-displacing dry film anti-corrosion fluid. Used to protect ferrous metal parts for long periods indoors or under cover, and during land transport. Apply to clean, dry surfaces free of corrosion, oil or swarf, at a recommended temperature of +10 °C to +35 °C. ONA approved.
ULTRARRUST 800W	Waxy	Anti-corrosive fluid with a dry-to-touch waxy film. Used to protect ferrous metal parts where a high degree of protection is required, maritime or land transport, long periods indoors, and outdoors in some cases and under cover. Apply to clean, dry surfaces free of corrosion, oil or metal shavings. Recommended temperature from +10 °C to +50 °C. ONA approved.
ULTRARRUST 800W SPRAY	Waxy	Aerosol version of ULTRARRUST 800 W. ONA approved.
ULTRARRUST TN	Oily	Soluble mineral oil for dilution with water. Short-term protection. For cleaning and protecting parts that have been machined with cutting fluid.
PREVENT-RUST 062	-	Water-soluble synthetic fluid for calibrating valves, pumps, etc. Fluorescent green-yellow colour.
PREVENT-RUST WS 3495	Waxy	Water-based fluid, solvent-free, ready to use or for diluting. Medium and long-term protection.
PREVENT-RUST VCI PAPER	-	Rolls of paper with VCI protection.
PREVENT-RUST VCI PLASTIC	-	Stretch plastic roll with VCI protection.

DEGREASERS



DEGREASERS

Product	Flash point	Description and applications
STANDARD CLEAN M-4	> 60 °C	Degreaser for oiling and general cleaning based on dearomatised hydrocarbons, anti-corrosives and surfactants. Washable.
STANDARD CLEAN 50	> 100 °C	Ecological universal cleaner for high-pressure washing. Lemon scent.
ULTRADEG WS 80	> 100 °C	Highly versatile neutral degreaser with high biodegradability.
ULTRADEG 2068	> 100 °C	Highly alkaline degreaser for difficult cleaning tasks: heavily oiled parts, purifiers, ventilation equipment, etc.
ULTRADEG 2334	> 100 °C	Aqueous degreaser for automatic washing machines that work by spraying or immersion at temperatures from +30 °C to +50 °C.
ULTRADEG 20	> 28 °C	High evaporation dearomatised aliphatic hydrocarbons. Manual degreasing.
ULTRADEG 40	> 40 °C	Fast-evaporating, dearomatised aliphatic hydrocarbons. Manual degreasing.
ULTRADEG 40 ATOX   	200 °C	Hydrotreated oil with additives, free of chlorine and heavy metals, as well as any other compound classified on negative lists. Specially developed for cleaning grooved cylinders.
ULTRADEG 65   	> 61 °C	Medium volatility, low odour solvent. Manual degreasing, immersion, spray. Food grade C1. Approved by NSF International and Halal certified. Available in aerosol packaging.

DEGREASERS

Producto	Flash point	Description and applications
ULTRADEG ALCA EM	> 100 °C	High inhibition alkaline detergent.
ULTRADEG 2090	> 100 °C	Powerful detergent for spray cleaning in very fast processes.
ULTRADEG 2094 AL	> 100 °C	Neutral multi-metal detergent. Particularly suitable for aluminium and immersion degreasing.
ULTRADEG 3849	> 100 °C	Concentrated acid detergent for removing organic and inorganic deposits. Particularly suitable for removing stearates from drawn wire coils.
ULTRADEG DECALER	> 100 °C	Descaler for welds on stainless steel. Descaler for steel (dilute well with water and final protection recommended).
STANDARD SYSTEM CLEANER	> 100 °C	Machine tool system cleaner for cleaning circuits and tanks. Add to emulsions in use that are to be changed.
ULTRADEG 20 ALH	> 100 °C	Mixture of high evaporation dearomatised aliphatic hydrocarbons and alcohol. Manual degreasing.
ULTRADEG 50 AL	50 °C	Low-odour volatile solvent. Manual degreasing and non-ferrous metal rolling processes. C1 certified.
ULTRADEG 65 HS	65 °C	Low-odour synthetic solvent with medium volatility. Manual degreasing, immersion, spray. High compatibility with elastomers.
ULTRADEG 236 S	77 °C	De-aromatised aliphatic hydrocarbons with medium evaporation. Manual degreasing.
ULTRADEG 5746 L	62 °C	Medium volatility dearomatised solvent for manual degreasing. Lemon scent.

DEGREASERS

Product	Flash point	Description and applications
ULTRADEG 680	77 °C	Solvent based on dearomatised aliphatic hydrocarbons, compliant with NATO S-753 and MIL PRF 680 MC Type II. High flash point cleaning solvent.
ULTRADEG NC 14	105 °C	High flash point non-VOC solvent for cold aluminium rolling processes.
ULTRADEG 38 NF	Non-flammable	Dielectric, volatile, NON-FLAMMABLE solvent. Specially designed for cleaning carbon brushes in wind power generators and electrical components. Approved by Siemens – Gamesa.
ULTRADEG 60 NF	Non-flammable	Dielectric solvent, volatile, NON-FLAMMABLE. Specially designed for cleaning brushes on parts and equipment with fluorinated grease.
STANDARD CLEAN UP	27 °C	Xylene-based fluid. Paint solvent.
DILUYENTE UN	5 °C	Universal solvent, mixture of aromatic hydrocarbons (toluene), ethers and ketones.
STANDARD CLEAN FC-5   	> 100 °C	Slow-volatility, de-aromatised, non-VOC solvent for manual degreasing, immersion and automatic washing. Food grade C1. Approved by NSF International and Halal certified.
ULTRADEG BIO	65 °C	Degreaser based on vegetable solvents without pictograms. Especially suitable for cleaning polyurethane splashes.
ULTRADEG WASH D50	> 100 °C	Neutral degreaser for general surface cleaning. Cleaning of workplaces, machines, parts and wind turbine cabins. Approved by Siemens – Gamesa.
ULTRADEG 5000 ATOX   	> 100 °C	Highly biodegradable, neutral, water-based universal detergent with high inhibition properties. Suitable for Spray, immersion and ultrasonic application on ferrous metals: iron, steel, cast iron, etc. Compatible with aluminium. Approved by NSF International.

RUBBERS AND INK PADS IN GRAPHIC ARTS

Product	Description and applications
CLEANGRAFIC 10	Fluid specially formulated for manual cleaning of blankets, rubbers and ink rollers in graphic arts. Easily washable with water.

MISCELLANEOUS

DESBLOQUEANTE	Multifunctional oil for releasing rusted mechanisms, temporary anti-rust protection and lubrication of small mechanisms.
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CIRCUIT CLEANING

Producto	ISO VG viscosity (cSt at +40 °C)	Description and applications
DISPERSOIL	15	Hydraulic circuit cleaning fluid. Apply as is for <i>flushing</i> .
DISPERSOIL SOLV	30	Additive for cleaning compressors. Apply at 10% to used oil.
DISPERSOIL SYNT MP	5	Synthetic fluid specifically designed for cleaning wind turbine gearboxes with PAO base oils.
DISPERSOIL TC	4	Detergent additive for cleaning circuits. Apply at 5% to used oil.

MOULD RELEASERS FOR CONSTRUCTION AND CIVIL WORKS



CONCRETE AND ASPHALT RELEASE AGENTS

Product	Water soluble	Description and applications
DESTAC A	YES	Water-soluble concrete release agent. Does not stain or affect subsequent painting or plastering processes. For all types of moulds.
DESTAC 30 L	NO	Low viscosity concrete release agent for direct use.
DESTAC 47	NO	Oil-based formwork release agent for direct use.
DESTAC BIO	NO	Low-viscosity biodegradable concrete release agent for direct use. Specially designed for exposed masonry walls.
DESTAC V 50	NO	Biodegradable formwork release agent for direct use. Fast evaporation.
DESTAC 8 MZ	NO	Synthetic-based formwork release agent for applications where internal and external appearance is particularly critical. Recommended for the ceramic sector.
DESTAC MR	NO	Mould release agent specially developed for ceramic and refractory bricks. It does not produce fumes and leaves no carbon residues. It can also be used in other applications such as precast concrete. It allows for high quality moulded parts without leaving stains or cracks on them.
DESTAC A 30 BIO	NO	Mould release agent using new technology. It is a colourless, odourless and non-flammable. It is a non-toxic product that poses no risk to users or the environment.
DESTAC VEG	NO	Anti-adhesive fluid specifically developed to replace petroleum-based solvents. It is used as an anti-adhesive coating for the transport and application of road asphalt. The product can be applied by spraying, pressure and other means.
DESTAC SIL 20	YES	Mould release agent for plastics and elastomers. Food grade.



PRODUCTS FOR THE TEXTILE INDUSTRY



LUBRICANTS FOR KNITTING MACHINERY

Product	Chemical composition	Viscosity ISO VG (cSt at +40 °C)	Description and applications
ULTRATEX CR 22 / 32 / 46 	Colourless semisynthetic, additives and surfactant	22 / 32 / 46	Circular and flat knitting machines. Washable.
ROS OIL A A-22 PLUS / A-32 PLUS / A-46 PLUS 	White mineral oil, additives and surfactant	22 / 32 / 46	Circular and flat knitting machines. Washable.
ROS OIL A-22 PLUS TW	Mineral oil, yellowish, additives and surfactant	22	Circular and flat knitting machines. Washable.
ROS OIL W W-2 / W-3 / W-4 / W-5 	White oils and additives	22 / 32 / 46 / 68	Circular and flat knitting machines. High protection.
ROS CLEAN	Colourless semisynthetic, additives and surfactant	6	Cleaning oil for needles and circuits.
ULTRATEX LYC 	White mineral oil, additives and emulsifiers	22 / 32 / 46	Circular knitting machines. Specially designed for fabrics containing Lycra, Spandex and cotton. Washable.

SPINNING ENZYMES - MINERAL OIL

Product	Chemical composition	Character	Active M.	Description and applications
ISOCARD A-30	Mineral oils, fatty acids, additive	Anionic	100%	Spinning of carded wool, wool and blends.
ISOTEX	Mineral oil with emulsifiers	Anionic	100%	Warp and weft.
ISOTEX RM	Mineral oil, emulsifiers and additives	Anionic	100%	High-density yarn warps, low friction coefficient.

SPINNING ENMESHMENTS - WHITE MINERAL OIL

ISOTEX AB	White oil and additives	Non-ionic	100%	Warp, weft. Polyethylene.
ISOTEX DT	White oil and additives	Non-ionic	100%	Double-twisted warps, wefts.
ISOTEX 112	White oil and anti-spray additives	Non-ionic	100%	Textured, warpknitted.
ISOTEX T NEW	Medicinal oil and ester	Non-ionic	100%	Polypropylene. Specially designed for the production of tubular nets and bags. Complies with EU 20/2011.
ISOMED GGR	Medicinal oil and additives	Anionic	100%	Polyethylene. Fibres in contact with food.



SPINNING COMBINGS - SYNTHETIC COMBINGS

Product	Chemical composition	Character	Active M.	Description and applications
ISOIL OP 40	Copolymer and antistatic agents	Cationic	25%	Open-end spinning and shredding. Biodegradable.
ISOIL 34 	OE-OP copolymer and additives	Non-ionic	40%	Synthetic fibre yarns and blends.
ISOIL PA 95	Soaps, lubricants and antistatic agents	Anionic	95%	Polyamide yarn.
ISOIL PP	OE-OP copolymers and antistatic	Non-ionic	80%	Polypropylene yarn.
ULTRATEX S-50 THERMICAN	Lubricant based on silicone oils and antistatic additives	Non-ionic	100%	PP spinning. Water repellent.

SPINNING ENZYMES - COLD BONDING

ISOWACH	Polyglycol esters and emulsifiers	Non-ionic	20%	Warping of all types of fibres.
ISOWACH 5	Glycol polymers and emulsifiers	Non-ionic	20%	Warping of linen and blends.

SPINNING AIDS - ANTISTATIC AGENTS

ISOSTATIC PAT	Quaternary ammonium derivatives	Cationic	80%	Open-end spinning and grinding.
ISOSTATIC PAT 2N	Quaternary ammonium derivatives	Cationic	40%	Open grinding and spinning.
ISOSTATIC AN	Phosphoric esters	Anionic	20%	Spinning of synthetic fibres and blends.

SPINNING AUXILIARIES - STRENGTH ENHANCERS

Product	Chemical composition	Character	Active M.	Description and applications
ISOSIL AN 4 NF	Aqueous dispersion of colloidal silica	Anionic	40%	Spinning and paper, fine particle.
ISOSIL AN 3 NF	Aqueous dispersion of colloidal silica	Anionic	30%	Spinning and paper, fine particles.
ISOSIL 360 CA	Aqueous dispersion of colloidal silica	Anionic	30%	Spinning and paper with food grade requirements. Beverage clarification.

SPINNING ENZYMES - HUMECTANTS

HUMISOL 45	Sulfated surfactant	Anionic	45%	Humectant for spinning.
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ENZYMES FOR SPINNING - LEVELLERS

ISOGAL AE	Aliphatic ester	Anionic	65%	Dye leveller for direct, disperse and ink reagents.
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OTHER LUBRICANTS

ISOTEX T	Non-toxic white fluid	Non-ionic	100%	Mineral oil with emulsifiers. Warps and wefts.
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SPRAYS



SPRAYS

Product	ISO VG viscosity (cSt at +40 °C) (concentrate)	Description and applications
MOLISPRAY	600	High-performance lubricant with molybdenum disulphide, with high adhesion, for the lubrication of mechanisms under heavy loads and temperatures up to +450 °C.
ULTRA MOLY DRY SPRAY	-	Dry molybdenum disulphide film for lubrication in dusty environments, tightly fitted mechanisms, threaded spindles, guides, racks and chains.
MULTIUSO SPRAY	5	Multifunctional penetrating oil with excellent rust-dissolving properties, high penetration and lubricating capacity.
SILICON SPRAY	220	Silicone aerosol specially formulated for use as a release agent for plastic materials, non-stick agent for welding and as a polish. NSF H1 certified.
   		
SOLDADURA SPRAY	1000	Non-stick for welding in areas where subsequent surface treatment is required.
MULTIGREASE SPRAY	NLGI-2grease	Spray formulated to deposit a thin lubricating layer of highly adhesive, water-resistant grease. Multifunctional lubrication up to +110 °C.
MULTILUBE PTFE SPRAY	100	Multifunctional lubricant aerosol with PTFE, providing a very low coefficient of friction. Excellent penetration and antioxidant capacity.
ULTRAPLEX ALEA 3000 MEDIUM SPRAY	NLGI-0grease	Aluminium complex grease with high viscosity base oil for the lubrication of open gears and cables operating under high loads and in unfavourable environmental conditions.

SPRAYS

Product	ISO VG viscosity (cSt at +40 °C) (concentrate)	Description and applications
ULTRA CWF 1500 SPRAY 	1500	Synthetic aerosol lubricant with PTFE for lubricating open points in harsh working conditions. NSF-approved as suitable for incidental contact with food (H1). Chains, cables, guides, eccentrics and other mechanisms in the food and beverage industry.
MULTISLIP SPRAY	46	Silicone-free release agent for plastics and rubbers. Antiadhesive for welding. Allows subsequent surface treatments: screen printing, varnishing, painting, etc.
ULTRAGREASE TF SPRAY 	NLGI-2 grease	Food-grade aerosol grease with PTFE. High resistance to water, steam and high temperatures (peaks of up to +200 °C). NSF H1 certification for incidental food contact.
ULTRATEF H1 SPRAY 	100	Food-grade lubricant with PTFE. Good adhesion and penetration properties. For chains, cables and guides at peak temperatures of up to +150 °C. NSF H1 certification for incidental contact with food.
ULTRA MULTI FOOD SPRAY 	15	Multifunctional penetrating oil with excellent rust dissolving properties, high penetration and lubricating capacity. NSF H1 certified for incidental food contact.
ULTRACUT UNI SPRAY	20	General machining of all types of metals. Suitable for cutting aluminium. Contains EP additives that do not attack copper.
ULTRARRUST 800 W SPRAY	-	Waxy film anti-corrosion fluid for long-term metal protection. Spray version of ULTRARRUST 800 W.
ULTRADEG 65 SPRAY 	1,0	Solvent-based degreaser with high cleaning power. Aerosol version of ULTRADEG 65.
ULTRADEG HIGIENIZANTE SPRAY	1,0	Cleaner and sanitiser for all types of surfaces. Contains 80% alcohol. Leaves no residue. Cosmetic quality. Suitable for hands.
PRODASPIT SPRAY	-	Multi-purpose anti-corrosive oil film.
ULTRALUB AC 15 ATOX SPRAY 	-	Special aerosol fluid for the food industry (3H/H1).

AUTOMATIC LUBRICATORS



MULTIPOINT

Product

Description and applications

ULTRAMATIC BTU

This is a battery-powered electromechanical lubricator that can be installed at a single lubrication point or connected to a progressive distribution valve to lubricate up to 8 points.

SINGLE POINT

GELSAMATIC

Autonomous automatic lubricator.

SANITIZERS



GEL DE MANOS IPA

Effective hand sanitiser gel that is gentle on the skin. Cosmetic quality product.

AUTOMATIC LUBRICATORS

SANITISERS

COGELSA

EFFICIENT LUBRICATION

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ISO 9001
ISO 14001
BUREAU VERITAS
Certification

