

INDUSTRIAL LUBRICANTS

GENERAL CATALOGUE

COGELSA[®]
EFFICIENT LUBRICATION

1916-2016, More than **100** years offering efficient solutions for **industrial lubrication**



COGELSA is an independent company that manufactures and develops high-tech lubricants and greases.

The company was established more than 100 years ago and it is located in the area of Barcelona, Spain.

Throughout all these years, the company has accumulated a broad experience in different fields of industrial applications and works closely with several additive suppliers and research institutes to keep updated about the latest chemical technologies and market trends. These collaborations and its own know-how allow R+D teams to formulate special lubricants to meet the current demands of the industrial customers.

COGELSA is present in more than 40 countries all over the world through its extensive distribution network, from Asia to Europe, the north of Africa and Latin America.

COGELSA offers a high level technical service to advice on the product to be used. It can also help you to monitor the quality of the on-site product performance with periodic laboratory analysis that allow a long life cycle.

We supply our products to the main multinational companies, which have the highest demands in terms of product stability and performance. We will be happy to be your technical partner and help your business grow, so that you and your team can concentrate on your value-added proposition.

Let COGELSA take care of your industrial fluids!

Market sectors



PHARMACY & COSMETICS

*Medicinal white oils
Vaselines
Food grade maintenance lubricants*



TEXTILE

*Lubricants and greases for textile machines
Process oils and auxiliaries for textile industries*



PRINTING

*Gear oils for printing machines
Sprays and grease
Cleaning and degreasing products*



FOOD AND BEVERAGE

*H1 lubricants approved for the food industry
Thermal oils
Food grade sprays and degreasers*



FLAT GLASS

*Lubricants for float glass cutting
Lubricants for vacuum pumps*



AUTOMOTIVE

*Metalworking
Metalforming
Sintering*



METAL PACKAGES

Industrial packages
Food packages



BUILDING

Profiling
Metal sheet forming



MINING AND QUARRIES

High efficiency oils
Hydraulic fluids



RAILWAYS

Lubricants
Compressor oils
Gear oils



SPECIAL GREASES

Greases for cables
Greases for open gears
Pastes



BIODEGRADABLE LUBRICANTS

Hydraulics
Biodegradable greases
Mould releasers

Product ranges



INDUSTRIAL OILS

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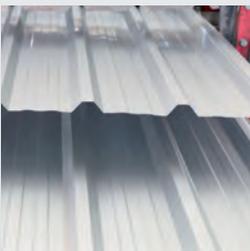
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INDUSTRIAL OILS



MULTIPURPOSE 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 the lubrication of bearings, hydraulics, slideways and gears. Classification: ISO-L-HM. Meet the requirements of the standards: DIN 51524-Part 2 HLP / DIN 51517-Part 3 CLP.
ULTRA ATOX 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460	32 / 46 / 68 / 100 / 150 220 / 320 / 460	White oils with additives for the lubrication of bearings, hydraulics, slideways, gears, circulation systems and compressors. Meet the requirements of the standards: ISO 6743/4-HM. DIN 51524-Part 2 HLP.DIN 51517-Part 3 CLP. DIN 51506-VD-L. Certified by NSF as H1 – suitable for incidental food contact.
ULTRASynt ATOX 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680	32 / 46 / 68 100 / 150 / 220 320 / 460 / 680	Synthetic oils for long lasting high-performance lubrication for bearings, hydraulic systems, pumps, chains, gears and compressors. These oils exceed the requirements of standards ISO 6743/4 - HM. DIN 51524 - Part 2 HLP - DIN 51517 - Part 3 CLP - DIN 51506 - VD-L. Certified by NSF as H1 – suitable for incidental food contact.
ULTRA VBA 46 / 68	46 / 68	Multifunctional lubricants with Vegetable-based bases, suitable for incidental food contact (NSF H1), totally free of hydrocarbons and biodegradable. Specials as hydraulics for oil mills. Quality level DIN 51524 Part 2 HLP / DIN 51517 Part 3 CLP.
ULTRATEF H1	100	Multipurpose oil with PTFE for lubrication of open mechanisms in the food industry. NSF approved as H1 for incidental food contact.
ULTRA BIO 100	100	Recommended for the lubrication of industrial gears, bearings, guides, chains, hydraulic circuits, pumps and circulation lubrication, in case of possible discharge of the lubricant into the environment.

GENERAL LUBRICANTS

Product	ISO VG Viscosity (CST at 40 ° C)	Description and Applications
ENGINE OIL 7 / 12	100 / 150	General lubricant for machinery and mechanisms bearing moderate loads at moderate speeds. Have high oiliness and thermal stability.

SPECIAL LUBRICANTS

ULTRA SP 2	2	Lubrication of high speed spindles operating at extremely close tolerances ("zero clearance").
ULTRA CS 200 H1	200	Is specially formulated for the Lubrication of high-speed canning machine mechanisms. Due to its high stability and minimal residue formation, it ensures correct lubrication under the most demanding operating conditions. Applicable in machinery that presents a risk of contamination of the product with the lubricant.



SLIDEWAYS AND DRIP-FREE

STANDARD SLIP 68 / 100 / 150 / 220 / 320 / 1000	68 / 100 / 150 220 / 320 / 1000	Special oils for the lubrication of horizontal and vertical slideways and drip-free general lubrication. These oils contain unctuousity, adherence and extreme pressure (E.P.) additives. Quality level ISO 6743/4-L-HG / DIN 51524 - Part 2 - HLP / DIN 51517 - Part 3 - CLP.
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GEAR OILS

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 gearboxes. Meet the requirements of the standards: DIN 51 517 Part 3-CLP/ US STEEL 224 / AGMA 9005-D94.
ULTRAGEAR EP 100 / 150 / 220 / 320 / 460 / 680	100 / 150 / 220 320 / 460 / 680	Oils with mineral base for gears operating in heavy duty load conditions. High protection against micropitting. They are approved by Siemens MD for use in Flender gears.

BIODEGRADABLE GEAR OILS

ULTRAGEAR BIO 460	460	Lubrication of industrial gears, bearings, slide ways, cams and other mechanisms requiring oil with EP properties, where there is a possibility of lubricant waste to the environment.
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SYNTHETIC GEAR OILS

ULTRAGEAR PG 100 / 150 / 220 / 320 / 460	100 / 150 / 220 320 / 460	Synthetic lubricants with high thermal stability and great lubricating power. For long life lubrication of all types of gears, circulation systems, bearings at high temperature (up to 200°C).
ULTRASYNTEP 150 / 220 / 320 / 460 / 680 / 1000	150 / 220 / 320 460 / 680 / 1000	Polyalphaolefin based synthetic oil for gears operating in heavy duty load and temperature conditions. They are approved by Siemens MD for use in Flender gears.
ULTRASYNTEFGT 150	150	Special synthetic synthetic oil for lubricating bearings and gears under high loads in the food, beverage, pharmaceutical and cosmetics industries. Low coefficient of friction. Meets standards: ISO 12925 - CKB, CKC, CKD / DIN 51517 Parts 1,2 and 3 - C, CL and CLP. Certified by NSF as H1 - suitable for incidental food contact.
ULTRASYNTEWG 1000	1000	Is particularly suitable for the long-term lubrication of worm gears. Can be used in circulation systems for lubrication of plain and roller bearings and other mechanical components, especially at high temperatures.



GEAR OILS FOR THE PRINTING INDUSTRY

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRAPRESS AG 5 LA / 68 LA	68 / 68	Gear oils specially formulated to meet the requirements of printing machine manufacturers (MANROLAND, HEIDELBERG, etc).

COMPRESSORS AND PUMPS

STANDARD CP 46 / 68 / 100 / 150	46 / 68 100 / 150	Mineral oils for air compressors with specific additives. High stability to oxidation, preventing the formation of deposits. Comply with the standard DIN 51 506. Category VD-L.
STICK PRESS AG 23	320	Special oil for vacuum and pressure pumps in the Printing Industry. Complies with standard DIN 51 506 / VB-L / VC-L / VD-L.
STANDARD FRI 68	68	Mineral naphthenic oil for the lubrication of refrigerating compressors of ammonia, freons R12 and R22, and propane-butane. Complies with DIN 51503-KAA/KC/KE.
ULTRABAR HC 46	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 46 / 68	46 / 68	PAO synthetic base 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.

CHAIN OILS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACHAIN HT 220 / 320	220 / 320	Synthetic lubricants for chains operating at temperatures up to 250°C. High lubricating power. Residue-free.
ULTRACHAIN PRO 150 / 270 / 460	150 / 270 / 460	Oils with synthetic bases for chains working at temperatures of 200-220°C. High resistance to oxidation and residue formation.
ULTRA CLT 320	320	Synthetic lubricant for chains operating from -30 up to 120°C. Resistant to moisture, water and steam. High adherence. Chains, cables, cams, open mechanisms.
STANDARD SINT 15	15	Biodegradable ester based synthetic chain oil. Operating temperature from -50 up to +180°C. Suitable for operation in dusty conditions and where environment contamination is possible.
STANDARD CLT 460	460	Mineral oil for chains and slide ways working up to +150°C with high loads and moisture. Quality level ISO 6743/4 – category L-HG / DIN 51517 – CLP.
ULTRACHAIN CPO 270	270	Ester based synthetic oil for chain lubrication with operating temperature up to +250°C. Compatible with some paints used in cataphoresis.
ULTRACHAIN FG 220	220	Ester based synthetic oil for chain lubrication with operating temperature up to +250°C. Certified by NSF as H1 – suitable for incidental food contact.
 		
ULTRADRY 320	320	Dispersion of micronized 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).

CHAIN OILS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACHAIN CTP 145	135	Special synthetic oil for lubricating chains in overhead and ground conveyors of cataphoretic paint 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 up to 200°C.
ULTRALUBE P-6	32	Synthetic base oil for lubricating chains, guides, cams and other open mechanisms at low temperatures (down to -50°C). Prevents the formation of crystals at low temperatures that can be projected on processed foods. Approved by NSF as H1 for incidental food contact.



NEBULIZABLE OILS

NEBULOIL 2	22	Highly refined oil with special additives for optimum pulverization. Recommended by FESTO.
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TECHNICAL OILS

SIVANO 1 / 6	22 / 10	Technical oils for use as plasticizers and auxiliaries in chemical formulations.
WHITE SI	220	Silicone oil with high thermal stability for the lubrication of mechanisms at temperatures from -30 to 200°C, and as an auxiliary in spinning.

MEDICINAL OILS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
FARMOL 22 / 33 / 55  	15 / 32 / 68	Medicinal-grade white oils suitable as lubricants and auxiliary products in food processing, cosmetics and pharmaceuticals, etc. DAB 10 and FDA 178.3620 (a) quality level. Certified by NSF as 3H - suitable for direct contact with food.
FARMOL NL  	22	White medicinal oil with the same uses as Farmol 22 but not classified as dangerous by aspiration, thanks to its viscosity greater than 20.5 mm ² /s.
ULTRAFARM 40  	40	Medicinal white oil stabilized with antioxidant, special for dough dividers in bread industry, 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, special for divider-weighers in industrial bakeries. High resistance to heat and oxidation. Certified by NSF as 3H - suitable for direct contact with food.
ULTRASIL CUT 300  	1	Food grade emulsion of silicone for lubrication and refrigeration in low severity metalworking operations.
WHITE OIL FILANTE	-	Solid, medicinal-grade vaseline suitable for cosmetic and medicinal use, and as a lubricant in the food industry. DAB 10 and FDA 178.3620 (a) quality level.

HEAT TRANSFER FLUIDS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ACEITE TERMICO 3	22	Synthetic thermal fluid for closed circuits. For use at temperatures from -20 to +315°C.
ULTRATERMIC P 6	32	Heat transfer fluid of synthetic base for closed circuits where a food grade product is required. Operating temperature up to 315°C. NSF H1 certification.



SPECIAL OILS

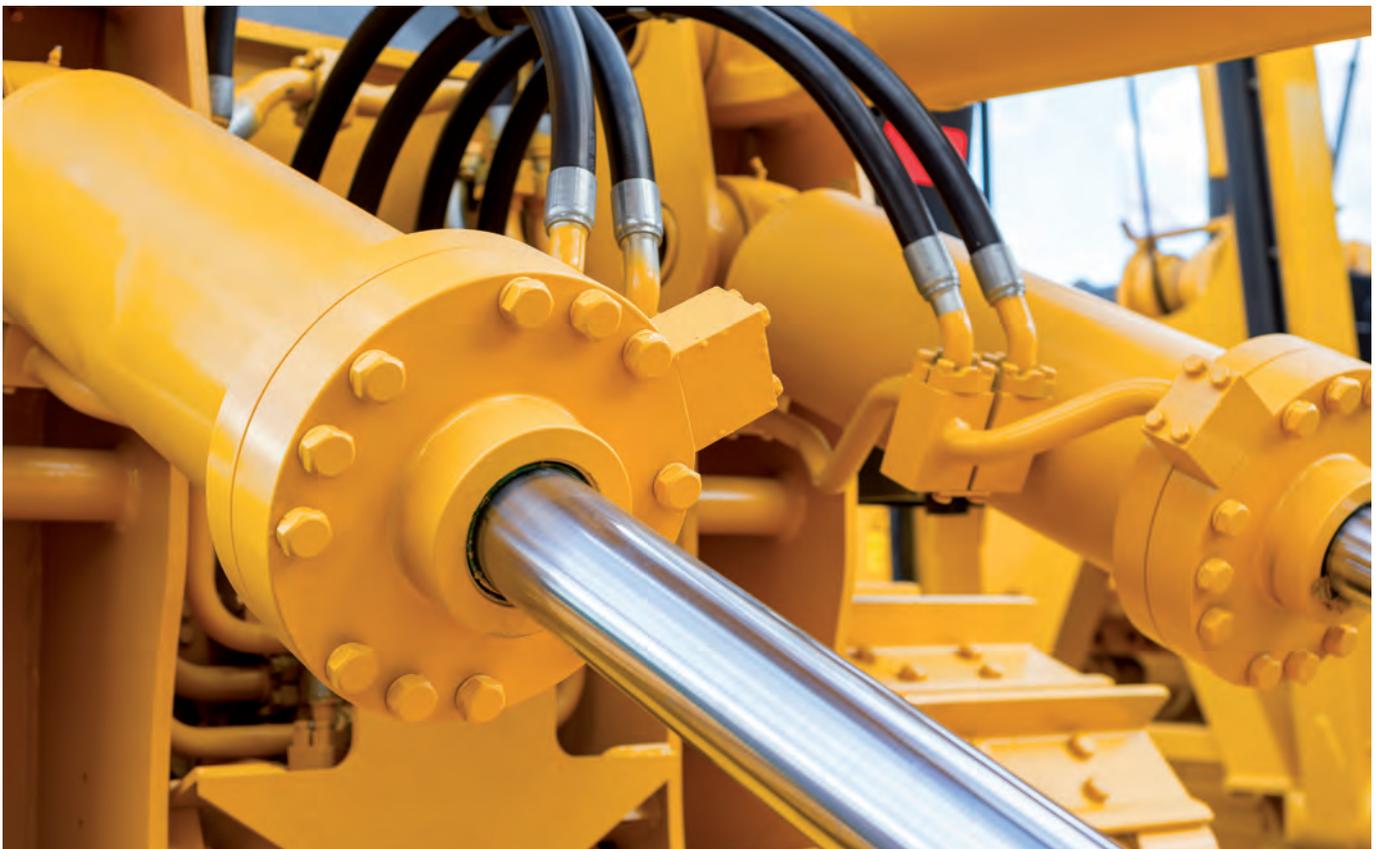
ULTRA PFPE 150 / 220 / 460	150 / 220 / 460	Synthetic oils with perfluoropolyether base for Lubrication in extreme conditions, presence of aggressive chemical products, high temperatures and lubrication for life.
ULTRASYNTH PG 68	68	Synthetic oil auxiliary lubricant in manufacturing processes of copper and aluminium wires.
ULTRASYNTH IF 40	32	Special synthetic oil for lubricating sintered bearings. Very wide working temperature range: -60 to + 150°C.

SPECIAL HYDRAULICS FOR INDUSTRY

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
PRESOL HM 32 / 46 / 68 / 100 / 150	32 / 46 / 68 100 / 150	High performance hydraulic oils with anti-wear, corrosion protection, anti-oxidation and anti-foam additives. Demulsifying, containing zinc. Meet DIN 51 524 Part 2 standard and equivalent.
PRESOL TH EP 3 / 4 / 5 / 8 Ashless	32 / 46 68 / 100	High performance hydraulic oils with anti-wear, corrosion protection, anti-oxidation and anti-foam additives. Demulsifying, zinc- and ash-free, red colour. Meet DIN 51 524 Part 2 standard and equivalent.
PRESOL HV 15 / 32 / 46 / 68 / 100	15 / 32 / 46 68 / 100	High performance hydraulic oils featuring high viscosity index, with anti-wear, corrosion protection, anti-oxidation and anti-foam additives. Demulsifying, containing zinc. Meet DIN 51 524 Part 3 standard and equivalent.
PRESOL HV PLUS 22 / 46 / 68	22 / 46 / 68	Refined and microfiltered hydraulic oil, specially formulated for use in systems subject to large temperature variations, due to its very high viscosity index, and where special anti-wear and extreme pressure characteristics are required, great resistance to corrosion and stability to oxidation. Complies with specifications: ISO 6074 (HV) DIN 51524, Part 2 and 3 (HVI) MIL-L-24459.
PRESOL HFC 40	46	Fire resistant water-glycol type hydraulic fluid, featuring red colour and high lubrication and stability.
ULTRAPRESS SC HM 46 / 68 Ashless	46 / 68	High performance hydraulic oils with anti-wear, corrosion protection, anti-oxidation and anti-foam additives. Demulsifying, zinc- and ash-free. Meet DIN 51 524 Part 2 standard and equivalent.
ULTRAPRESS SC HV 46 / 68	46 / 68	Highly refined and micro-filtered hydraulic oil, for use in systems exposed to wide temperature variation, and where requirements of anti-wear capacity, oxidation and corrosion protection are demanding. The product is ashless and free from heavy metals, it has low foam tendency and good deairation and demulsifying capacity.
ULTRAPRESS SCD 46	46	High performance hydraulic oil with anti-wear, corrosion protection, anti-oxidation and anti-foam additives. Detergent, zinc- and ash-free. Meets DIN 51 524 Part 2 standard and equivalent.

SPECIAL HYDRAULICS FOR INDUSTRY

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
PRESOL HE FR 46 / 68	46 / 68	Biodegradable fire resistant hydraulic fluid. is based on a high flash point biodegradable TMP ester and additives.
ULTRAPRESS HEES 46 / 150	46 / 150	Are recommended for hydraulic equipment operating in conditions where there is a risk of contamination to the environment such as wind power installations, hydroelectric power stations, harbours, ski resorts, etc. Also suitable as fire resistant hydraulic fluid. Operating temperatures: from -30°C up to 90°C (with intermittent peaks of +120°C).
ULTRAPRESS SC 46 SL	46	Refined and "ashless" microfiltered hydraulic oil for systems where oils with high degrees of cleanliness, anti-wear characteristics, oxidation stability and corrosion resistance are required.
ULTRAPRESS SC 46 KM	46	Refined and "ashless" microfiltered hydraulic oil for systems where oils with high degrees of cleanliness, anti-wear characteristics, good air separation behaviour, oxidation stability and corrosion resistance are required.



LUBRICANT GREASES



CALCIUM

Product	NLGI Consistency	Dropping point °C	Description and Applications
GREASE CA-T 2	2	90	Greases for chassis and general lubrication up to 50°C. Water-resistant and adhesive.
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.

LITHIUM

LITKEN R 1 / 2	1 2	185 185	Multipurpose lithium greases for the lubrication of bearings with medium loads, up to 120°C.
LITKEN R 3 GREEN	3	190	Multipurpose lithium grease for lubricating rolling bearings with light loads, up to 120°C. Green color.
LITKEN COTTON GREASE	00	–	Special lithium grease for lubrication of cotton picker spindle assemblies in machinery like Case, John Deere and International Harvester.

EP LITHIUM

Product	NLGI Consistency	Dropping point °C	Description and Applications
LITKEN A 2 EP / 3 EP	2	185	Lithium greases with extreme pressure (EP) additives for bearings under heavy loads and medium –low speed. Operating temperature up to 120°C.
	3	185	
LITKEN EP 00/0/1/2/3	00	-	Lithium greases with extreme pressure (EP) additives for heavily loaded gearboxes and bearings. Operating temperature up to 120°C.
	0	185	
	1	185	
	2	190	
	3	190	
LITKEN BLANC 2	2	190	Multifunctional E.P. grease for applications requiring a white lubricant, in the textile industry, furniture manufacture, food industry, etc.
LITKEN HD 2	2	200	High performance EP lithium grease. It allows extension of relubrication interval even in presence of high loads, water, dust, etc. Operating temperature from -20 up to +140°C.



LITHIUM WITH SOLID LUBRICANTS

Product	NLGI Consistency	Dropping point °C	Description and Applications
LIKTEMOL 71 / 72	1 2	185 185	EP lithium greases with molybdenum disulphide, for extreme loads. Operating temperature up to 120°C.
LITKEN MOLIBDENO 2 / 3	2 3	180 180	Lithium grease with EP additives and molybdenum disulphide, for high loads and moderate speeds. Operating temperature up to 110°C.
LITKEN MOLY 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.
LIKTEMOL GMV 2 / 3	2-3	190	Lithium grease with EP additives and graphite for high loads and moderate speeds. Operating temperature up to 110°C. Special for mobile equipment in mining, earth movement, etc.
ULTRALIT SEG 34	2	190	Synthetic base lithium grease with solid lubricants for lubricating mechanical components operating at high speeds and shock loads. Lifetime lubrication of impact wrenches, drills, etc.

SPECIAL CALCIUM

GELSA 00 / 0 / 200	00 0 2	140 140 160	Very adhesive greases with exceptional water resistance, for multipurpose lubrication up to temperatures of 120°C.
GELSA BIO 0 / 2	0 2	140 140	Biodegradable, adherent water-resistant greases. Working temperature up to 120°C.

SPECIAL CALCIUM

Product	NLGI Consistency	Dropping point °C	Description and Applications
GELSA XEP 310 / 360	1 0	145 –	Greases for chain saw machines used in extraction of marble and stone blocks. High load carrying capacity and water resistance.
GELSA BIO FLUID	00 000	–	Biodegradable grease special for Wheel flange Lubrication systems in railways where solids lubricants are not allowed.
CALCOGRAF BIO FLUID	00 000	–	Biodegradable grease with graphite, specially designed for spray lubrication of wheel flange in railways. Operating temperature from -20 up to +120°C.
CALCOGRAF BIO HEAVY	1	140	Biodegradable grease with graphite, with high adherence and load capacity. Rail lubricators, forestry equipment, etc. Operating temperature from -20 up to +120°C.
GELSA LICA 2	2	180	E.P. adherent lithium-calcium grease. Working temperature from -20 to +120°C. Water resistant. Steel industry, paper mills, etc.
GELSA LT 215	2	150	Grease with semi-synthetic base for lubrication of mechanisms at low temperature. Operating temperature from -40 up to +140°C.
ULTRAGREASE BETA 2	2	140	Food grade synthetic grease for low temperature and high speed. Operating temperature from -60°C up to +110°C and speed factor up to 1.200.000. NSF H1 certification.



SILICONE GREASES

Product	NLGI Consistency	Dropping point °C	Description and Applications
ULTRASIL GREASE 2	2	Infusible	Silicone grease for a broad range of temperatures (-50 to 200°C), with high resistance to oxidation and aggressive environments. For light-duty plastic-metal or plastic-plastic mechanisms.

SPECIAL INORGANIC GREASES

ULTRAGREASE ATOX 2 	2	Infusible	Food grade high performance grease with synthetic base and PTFE. Working temperature up to 160°C. Special for can closers, washing plants, packaging and points exposed to the action of water and steam. NSF H1 certification.
ULTRAGREASE ALFA 2 	2	Infusible	Synthetic grease with PTFE. Exceptional adherence and resistance to water and steam. Working temperature: 200°C. Pellet presses, sterilizers, can closers, etc. NSF H1 certification.
ULTRABEN 2	2	Infusible	Bentonite grease for high temperatures. Working temperature up to +150°C. High adherence and low oil separation.

ALUMINIUM COMPLEX

ULTRAPLEX AL 2	2	260	Aluminium complex grease for lubrication at high temperatures (150°C). Especially suitable for centralised systems.
ULTRAPLEX ALCA 00/2	00 2	- 255	Aluminium complex greases for manual lubrication of wire ropes, open gear and mechanisms. High adherence and load capacity.

ALUMINIUM COMPLEX

Product	NLGI Consistency	Dropping point °C	Description and Applications
ULTRAPLEX ALEA 0	0	200	Aluminum complex greases for open gear lubrication by spraying, dipping or circulation. Excellent EP properties. For cement, mining, sugar mills, etc.
ULTRAPLEX ALEA 3000 FLUID / NLGI 00 / MEDIUM	000 00 0	- - 200	Aluminum complex greases for open gear lubrication by spraying, dipping or circulation. Excellent EP properties. For cement, mining, sugar mills, etc.
ULTRAPLEX HAMMER	2	254	Aluminium complex grease for lubrication of hydraulic hammers. Maximum tool protection in extreme condition.
ULTRAPLEX ALMA 00 / 1 / 2	00 1 2	- 220 250	Aluminium complex greases with high adherence and load carrying capacity special for centralised lubrication systems in heavy industry. Operating temperatures up to 150°C.
ULTRAPLEX ADH 1 / 2	1 2	220 225	Aluminium complex greases with high adherence and sealing capacity special for centralised lubrication systems in heavy industry. Operating temperatures up to 150°C.
ULTRAPLEX ALX 461 / 2	1 2	240 240	Aluminium complex greases with molybdenum disulphide for heavy machinery in the extractive industries, steel, etc. Special for central lubrication equipment. High adhesion and water resistance.
ULTRAPLEX FG 00 / 0 / 1 / 2	00 0 1 2	- 210 230 250	Food grade aluminium complex greases for lubrication of points with possible incidental food contact. High protection in front of wear, high loads and corrosion. Operating temperature from -20 up to 150°C. NSF H1 certification.



LITHIUM COMPLEX

Product	NLGI Consistency	Dropping point °C	Description and Applications
ULTRAPLEX LT 1 / 2 / 3	1 2 3	270 270 280	Lithium complex grease for bearings at high temperatures (150°C), subjected to heavy loads and vibrations. Blue colour.
ULTRAGREASE GA 2	2	270	Lithium complex grease for bearings at high temperatures (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 grease for bearings at high temperatures (150°C), subjected to heavy loads and vibrations. Blue colour. Low friction coefficient.
ULTRAPLEX LCH 12	1-2	244	High viscosity mineral oil based grease and lithium special complex soap for heavily loaded mechanisms in the steel, cement, mining, and other industries.
ULTRAPLEX AC 2	2	270	A semi-synthetic lithium complex grease with solid lubricants. For lubrication of slow mechanisms and high loads, especially bolts in mobile machinery in mining and public works.
ULTRAPLEX MC 2	2	270	Semi-synthetic lithium complex greases with molybdenum disulphide. For lubrication of slow mechanisms and high loads in heavy industry, mining, public works, etc. MC 2 with lower base oil viscosity for centralized equipment and low temperatures.
ULTRAPLEX ACK 2	2	270	A semi-synthetic lithium complex grease with solid lubricants. For lubrication of slow mechanisms and high loads, especially bolts in mobile machinery in mining and public works.
ULTRAPLEX LTM 1500 / 1	1	240	High viscosity oil based grease, special lithium soap and solid lubricants for the lubrication of crushers, mills and roller presses in the steel, cement, mining, etc. industries.

LITHIUM COMPLEX

Product	NLGI Consistency	Dropping point °C	Description and Applications
KRUPPER GREASE	1-2	270	Grease for hydraulic hammers for drilling in special cartridge for automatic lubrication systems in hammers from ATLAS COPCO (KRUPP), HITACHI, KOMATSU...
ULTRAPLEX XT 2 SYNT	2	275	Lithium complex grease with synthetic base and PTFE for mechanisms operating at temperatures up to 180°C, high loads and medium speeds.
ULTRAPLEX HP 2 SYNT	2	275	Lithium complex grease with synthetic base. PTFE and solid lubricants for mechanisms operating at temperatures up to 180°C, very high loads and medium speeds.
ULTRAPLEX TG 0 -1 SYNT / 1 SYNT	0-1 1	250 250	Lithium complex greases with synthetic base for mechanisms operating at temperatures up to 200°C, low speeds, high loads and vibrations.

CALCIUM SULFONATE GREASES

ULTRAPLEX CS 1 / 12 / 2	1 1-2 2	>300 > 300 > 300	They are specially indicated for lubrication of bearings, open gears, gearboxes, gear couplings, wire ropes and other mechanical components under heavy loads working in adverse environmental conditions. ULTRAPLEX CS 1 and CS 12 are specially suitable for central lubrication systems.
ULTRAPLEX MCS 1 / 2	1 2	300 300	It is specially indicated for lubrication of bearings, open gears, gearboxes, gear couplings, wire ropes and other mechanical components under heavy loads working in adverse environmental conditions.
ULTRAPLEX CSFG 460 / 462	0 2	300 300	Calcium sulfonate grease with a high viscosity semi-synthetic base oil for lubricating mechanisms exposed to high loads and temperatures, water and humidity. NSF H1 certification for incidental food contact.



SPECIAL GREASES

Product	NLGI Consistency	Dropping point °C	Description and Applications
ULTRAGREASE TOP 1 / 2 	1 2	- -	Grease with fluorinated base and PTFE thickener special for lubrication in extreme conditions. Operating temperature from -30 up to +260°C. Resistant to solvents and almost all chemical products. Food grade NSF H1 approved. High load carrying capacity.
ULTRAPLEX BA 221 / 2223 / 4612 / 462	1 2-3 1-2 2	245 245 247 247	Greases made of mineral base oil thickened with barium complex soap and additives for improving resistance to oxidation, corrosion and wear. It is specially indicated for lubrication of bearings and other mechanical components working under medium speeds, heavy loads and adverse environmental conditions.
ULTRAPLEX BA SYNT 24	2	250	A complex barium grease with synthetic bases for lubricating bearings and other mechanical components under high speeds, high loads and adverse environmental conditions. Speed factor: 1,000,000. High resistance to water, emulsions, acids and alkalis.

PASTE

ULTRAPASTE CU 12 / 25	1 2	190 190	Pastes with a high content of copper and solid lubricants for the lubrication of drilling equipment and as assembly pastes for threaded joints.
ULTRAPASTE CU 12 SF	0	190	For cable lubrication at temperatures up to 1100°C in the steel industry.

WATER MISCIBLE COOLANTS



FORMALDEHYDE FREE COOLANTS

Product	Type of emulsion	Water hardness range [°fH]	Description and Applications
CUTTINSOL GREEN 102	Green / Transparent	0-80	Synthetic soluble based on nitrites for grinding ("green coolant").
ULTRASOL 50 R	Transparent	0-40	Synthetic product for grinding and light machining processes and castings, steel and ferric alloys.
ULTRASOL HM-S	Transparent	0-40	Synthetic product for grinding processes and light and medium machining of hard-metals and steels.
ULTRASOL 075 NS	Transparent	0-90	Synthetic soluble without mineral oil, free of boron for grinding and machining of ferrous metals, cast iron, nodular cast iron and medium and low difficulty carbon steels. Can be used for conventional aluminum machining.
CUTTINSOL 5	Milky	0-40	Mineral based. Multi-metal. Light and general machining. Free from boron, chlorine, nitrites and amines.
CUTTINSOL 231	Opalescent	0-30	Semi-synthetic coolant for machining and grinding of steel and in some cases aluminum.
ULTRASOL 210	Opalescent	0-30	Semi-synthetic coolant for machining and grinding of steel and in some cases aluminum.

FORMALDEHYDE FREE COOLANTS

Product	Type of emulsion	Water hardness range [°fH]	Description and Applications
ULTRASOL 335	Milky opalescent	0-40	Soluble fluid for machining and grinding of steels, stainless steel, cast iron and aluminum. It is used in operations of medium and high difficulty.
ULTRASOL 631	Milky	0-30	Soluble fluid for machining all aluminum alloys, steels and compatible with yellow metals. It is used in operations of medium and high difficulty.
ULTRASOL E 55	Opalescent	5-50	Boron-free soluble for machining and grinding of steels, castings and aluminum. It can be used in some cases with yellow metals and is not suitable for galvanizing. Lubro-refrigerant based on state-of-the-art components, EP additives, and anticorrosives so it can be used in medium and high difficulty operations.
ULTRASOL 671	Milky	15-80	Boron-free soluble fluid and amines for machining yellow metals.
ULTRASOL 440	Milky opalescent	10-60	Semi-synthetic soluble fluid with a high mineral oil content. To be used in metalworking applications on steel and conventional aluminium, on medium and high severity operations. For soft and medium water hardness.
ULTRASOL 452	Milky opalescent	20-70	Soluble fluid for machining all aluminum alloys, steels and compatible with yellow metals. It is used in operations of medium and high difficulty.
ULTRASOL BIO 475	Milky opalescent	10-70	Boron and amines free fluid for multimetal machining. Suitable for operations of medium and high difficulty. Compatible with aerospace aluminiums.

GENERAL RANGE COOLANTS

Product	Type of emulsion	Water hardness range [°fH]	Description and Applications
ULTRASOL 064	Transparent	0-40	Boron-free synthetic fluid for flat and cylindrical grinding of ferrous metals, cast iron, nodular cast iron and high detergent carbon steels.
CUTTINSOL 24 RO	Opalescent	0-30	Semi-synthetic, bacteriostatic, anti-corrosive. Multi-metal. Grinding and machining of medium severity. Free from chlorine, nitrites and secondary amines.
CUTTINSOL 5 T	Milky	0-50	Soluble fluid for general machining ("white coolant") and shaped for all types of metals.
CUTTINSOL 7	Transparent / Opalescent	0-100	Semi-synthetic product for machining ferrous metals, cast iron, nodular cast iron and carbon steels. It withstands extreme water conditions and high pressures.
ULTRASOL 45 AD	Milky opalescent	20-80	Semi-synthetic, bacteriostatic, anti-corrosive. Recommended for machining of cast iron, as well as grinding of alloy steels. Excellent washing power. Free from chlorine, nitrites and secondary amines.
ULTRASOL 60 EP	Milky opalescent	5-60	Soluble fluid for machining and grinding of steels, stainless steel, cast iron and aluminum. It is used in operations of medium and high difficulty.
ULTRASOL 25 NF	Milky opalescent	10-50	Boron and amines-free soluble fluid for machining steel, cast iron, aluminum and yellow metals. It can be used in some cases for machining magnesium. Operations of medium and high difficulty. Compatible with aerospace aluminums.
ULTRASOL 436	Milky opalescent	0-30	Semi-synthetic soluble fluid to be used on medium and high severity metalworking operations on steel and aluminium alloys.

COMPATIBLE SLIDEWAY OILS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRAGUIDE 68	68	Oil recommended for horizontal slideway featuring a high adhesion and preventing the "stick-slip" effect. Compatible with coolants due to its separation power.
ULTRAGUIDE 220	220	Oil recommended for vertical slideway featuring a high adhesion and preventing the "stick-slip" effect. Compatible with coolants due to its separation power.

ADDITIVES FOR BATHS

BIOPOL K 14	Bactericide and fungicide for tank side treatments. 1 liter for 10.000 liters of emulsion.
DEFOAMER E	Antifoam for tank side treatments. Approx 1 liters for 10.000 liters of emulsion.
DEFOAMER K	Additive to increase the water hardness based on calcium salts.

AUXILIARY PRODUCTS

STANDARD SYSTEM CLEANER	System cleaner for chaging of used emulsions. Add 1-2 % on the used emusion.
ULTRADEG WASH	Water based cleaner for exterior and interior wall machines. Ready to use. Does not attack paintings.

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 performance neat cutting oil for honing and grinding. Also suitable for general machining of non-ferrous metals.
ULTRACUT GR 5	5	High performance neat cutting oil for honing and grinding. Also suitable for general machining of non-ferrous metals. Based on HC base oil.
ULTRACUT GR 7	7	High performance neat cutting oil for honing and grinding. Also suitable for general machining of non-ferrous metals. Based on HC base oil.
ULTRACUT GR 10 S	10	High performance neat cutting oil for finishing operations. Also suitable for general machining of non-ferrous metals. Based on HC base oils.
ULTRACUT GR 12 CS	13	High performance neat cutting oil for finishing operations. Also suitable for general machining of non-ferrous metals. Based on HC base oils.
ULTRACUT GR BIO 8	8	Low viscosity neat cutting oil, based on advanced biodegradable ester technologies. It's designed for grinding and severe super finishing operations.

NEAT CUTTING OILS (CHLORINE FREE)

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACUT ECO	21	General machining of copper, tin and bronze. Bar cutting, turning, milling and drilling of low severity of low-alloy steels. High washing power. Anti-mist additives content. Chlorine-free.
ULTRACUT UNI	21	General machining of non-ferrous metals and ferrous metals (easy operations). Suitable for aluminum grinding. Bar turning.
ULTRACUT MV 2122	21	Multimetal neat oil for metalworking operations of medium severity. Based on base oil group III. Specific for bar turning and applications with fogging problems.
ULTRACUT EXTRA	21	High severity machining of steel and stainless steel. Machining of fogged stainless steel. Anti-mist additives content.
ULTRACUT EXTRA NGM	22	High severity machining of steel. Based on HC base oils. Anti-mist additives content. Precision bar turned parts. Medical implant machining.
ULTRACUT SUPER	30	Recommended for gear cutting and threading by rolling. Medium and severe machining of ferrous metals.
ULTRACUT MV 2114	15	Suitable for high severity machining of all kinds of metals. Can be used for drilling and broaching at low speed. Recommended for PFIFFNER machines (high precision bar turning).
ULTRACUT TP 2740	15	High severity machining of steel. Recommended for difficult deep drilling and broaching. Based on HC base oils. Anti-mist additives content.
ULTRACUT BIO 22	22	Straight vegetable-based oil and derived from renewable raw materials. Universal for most operations and materials. It's ideal for medical industry applications as well.

EDM DIELECTRIC OILS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACUTTING LIGHT	1,6	Very low viscosity oil special for electrodischarge machining. Suitable for machines with self-washing filters. Tested in ONA.
CUTTINOIL EL	2,5	Very low viscosity oil special for electrodischarge machining, particularly for roughing. High flash point.

MQL CUTTING OILS

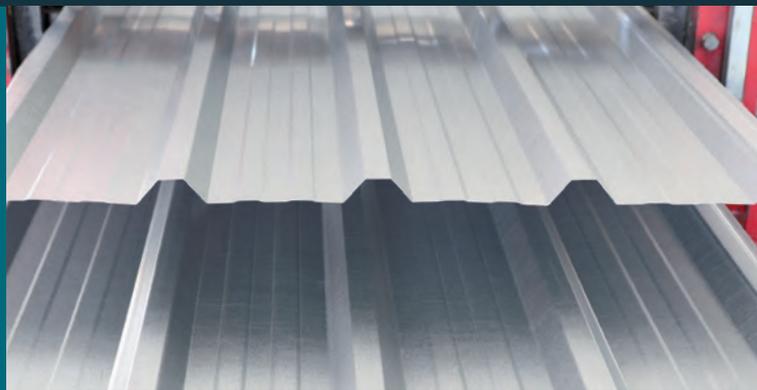
ULTRACUT BIO 5	5	Recommended as a lubricating and cooling agent in general machining, grinding and MQL operations of steel, aluminium and yellow metals (copper, brass, bronze), and grinding of high alloy and stainless steels.
ULTRACUT BIO 300 SP	32	Synthetic oil specially recommended for general machining.
ULTRACUT BIO 500 SP	46	Synthetic oil specially recommended for general machining.
ULTRACUT BIO 600 SP	32	Synthetic oil specially recommended for general machining and difficult operations. Special for drilling.
ULTRACUT BIO ALC 25	27	Aluminum cutting process by disc-saw and by belt-cut. Large and complicated parts.

MQL CUTTING OILS (FOR ALUMINIUM PROFILES)

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRALUB EV 460 S	2,5	Aluminum cutting process by disc-saw. Aluminum profiles.
ULTRALUB EV 9	2,4	Aluminum cutting process by disc-saw. Aluminum profiles. Vanishing oil for forming operations.
ALUMOL FLUID 32	31	Aluminum cutting process by disc-saw and aluminum machining.



METAL FORMING LUBRICANTS



NEAT OILS FOR STAMPING AND DEEP DRAWING (CHLORINATED)

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
EMBATOL A	22	Chlorinated very low viscosity oil for stamping and drawing of ferrous metals.
EMBATOL 10	80	Chlorinated low viscosity synthetic oil for stamping, drawing and fine blanking. Multimetal.
EMBATOL 15	150	Chlorinated oil for deep drawing of ferrous metals.
EMBATOL 20	220	For deep drawing, allowing high deformation rate in one single stage, with excellent surface finishing. Contains chlorine. Free from heavy metals.
EMBATOL 40	460	For deep drawing of stainless steels, allowing high deformation rate in one single stage, with excellent surface finishing. Maximum EP content. Does not contain mineral oil. Contains chlorine. Free from heavy metals.
EMBATOL 95	625	Chlorinated synthetic oil for drawing bars, rods, of stainless steel and very complicated processes. Multimetal.

NEAT OILS FOR STAMPING AND DEEP DRAWING (CHLORINATED)

Products	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRALUB AC 5	5	Semi-vainising oil for stamping, die cutting. Multimetal. Washable.
ULTRALUB AC 25 / 70 / 90 L / 100 EP / 150 / 220	25 / 70 / 90 / 100 150 / 220	Neat olis for stamping and drawing.
ULTRALUB SP 100 / 220 / 320 / 680 / 1050	100 / 220 / 320 680 / 1050	Neat olis for stamping, deep drawing, fine blanking, wire drawing.

LUBRICANTS FOR FINE BLANKING

EMBATOL 10	80	Chlorinated low viscosity synthetic oil for stamping, drawing and fine blanking. Multimetal.
ULTRALUB AC 70	70	Neat oli for stamping and drawing.
ULTRALUB SP 100	100	Neat Oil for complicated operations: Stamping, deep drawing, fine blanking,... Ferrous metals.
ULTRALUB SP 220	220	Neat Oil for complicated operations: Stamping, deep drawing, fine blanking,... Ferrous metals.

ANTI-PROJECTIONS

DESTAC BIO PROJECT	No	Used to prevent the adhesion of projections on metal surfaces during welding and eliminates the need for chiseling, grinding or wire brushing.
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LUBRICANTS FOR COLD FORMING (FASTENERS)

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRALUB CF 500 EP	110	Chlorine free oil for cold stamping of medium to high severity.
ULTRALUB CF 800 MF	75	Chlorine free oil for cold stamping of medium to high severity. Multifuntinal suitable for machine lubrication.
ULTRALUB CF 907	140	Chlorine free oil for high severity cold stamping.

SOLUBLE OILS FOR STAMPING AND DEEP DRAWING

ULTRADRAW 110 T	80	Mineral based emulsifiable fluid, with EP performance, specially recommended for stamping and deep drawing of aluminum and alloys, but suitable for all metals. Free from chlorine, boron, amines and nitrites.
ULTRADRAW 150 EP	80	Mineral based emulsifiable fluid, with high EP performance, recommended for deep drawing of steel and steel alloys. Free from chlorine, boron, amines and nitrites.
ULTRADRAW E 68	120	Synthetic soluble oil for stamping containing EP and AW additives. Suitable for deep drawing of aluminium alloys.
ULTRADRAW PASTE TK	Paste	Water-soluble for deep drawing of stainless steel, steel and aluminium. Can be applied pure or diluted.

SOLUBLE OILS FOR TUBE FORMING WITH WELDING

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRADRAW 805	80	Soluble oils with high content in mineral oil for tube forming with welding.
ULTRADRAW TDR	60	Semi-synthetic emulsifiable fluid for medium severity stamping of ferrous metals and cold roll forming of steel and galvanized steel profiles.

NEAT OILS FOR DEEP DRAWING OF ALUMINIUMS AND YELLOW METALS

ECODRAW A-40	40	Neat oil for stamping and deep drawing of non-ferrous metals.
ECODRAW A-80	95	Neat oil for stamping and deep drawing of non-ferrous metals. Special for very difficult operations with aluminium alloys.
ECODRAW A-120	120	Neat oil for stamping and deep drawing of non-ferrous metals. Special for very difficult operations with aluminium alloys.
ECODRAW A-70	135	Neat oil for stamping and deep drawing of ferrous and non-ferrous metals. Specific for high difficulty operations with aluminium alloys.

VANISHING OILS FOR STAMPING

Product	Flash point (°C)	Description and Applications
ULTRALUB LIGHT 	75	Fast vanishing synthetic lubricant for short cutting cycles. Odourless, does not leave any build-up.
ULTRALUB EV 3	75	Fast vanishing synthetic lubricant for short cutting cycles. Ideal for insulating and low-emission glass. Odourless.
ULTRALUB EV 3 ATOX 	60	High drying speed, specially recommended for stamping of steel cans, with some degree of deep drawing. Faint odour. In many cases it does not require degreasing prior to subsequent surface processing. H1 registered (incidental food contact).
ULTRALUB EV 5	45	Very high drying speed, for stamping, forming and die cutting of metal sheet, allowing medium drawing. Light smell. In many cases it does not require degreasing prior to subsequent surface processing. Flammable.
ULTRALUB EV 6 ATOX	95	Vanishing oil for light stamping of non ferrous metals. Easy open lid for can manufacturing. H1 certificate.
ULTRALUB EV 7 ATOX 	105	High drying speed, for stamping in fast presses and deep drawing of food cans. Faint odour. In many cases it does not require degreasing prior to subsequent surface processing. H1 registered (incidental food contact).
ULTRALUB EV 10 EP	75	High drying speed, with EP performance for stamping, medium drawing and punching of steels and alloy steels (automotive parts, shelving, water fittings, etc.). Leaves a residual film featuring excellent corrosion protection, which in many cases does not require degreasing prior to subsequent surface processing.
ULTRALUB EV 15 EP	85	Vanishing oil used for forming of ferrous metals. It can be used in high difficulty operations, even up to 3 mm sheet thickness.

VANISHING OILS FOR STAMPING

Product	Flash point (°C)	Description and Applications
ULTRALUB EV 307 AL	65	Vanishing oil for stamping of non ferrous metals. Very suitable for the production of aluminium radiators fins, compatible with refrigeration gases.
ULTRALUB EV 350 AL	75	Vanishing oil for stamping of non ferrous metals. Very suitable for the production of aluminium radiators fins, compatible with refrigeration gases.
ULTRALUB EV 542	65	Vanishing oil used for forming of all metal types. Specific for magnetic sheet. Very compatible with elastomers.
ULTRALUB EV 2645 S	105	Semi- vanishing oil for stamping of non ferrous metals. Medium-high difficulty. H1 certificate.



FLOAT GLASS CUTTING

ULTRALUB LIGHT	72°C	Vanishing oil for cutting of flat glass. Food grade H1 level.
CUTTINOIL SPECIAL GLASS	66°C	Vanishing oil for moderate glass cutting cycles. Does not leave any residue.
ULTRALUB EV 3	72°C	Vanishing oil for cutting of flat glass.
GLASSCUT 65 HS	75°C	Vanishing oil, odourless and clear, chlorine free, with a well balanced composition of synthetic additives. User friendly.

NEAT OILS FOR ALUMINIUM WIRE DRAWING

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ECODRAW A-90	95	Neat oil for aluminium wire drawing. All diameters.
ECODRAW A-100 ATOX	100	Neat oil for aluminium wire drawing. All diameters. H1 certificated.
ECODRAW A-150	150	Neat oil for aluminium wire drawing. Rod wire.
ULTRACUT GR 10 S	10	Neat oil for aluminium wire drawing. Fine diameters.
ULTRALUB 105 TT	2,8	Synthetic neat oil for very fine aluminium wire drawing. Wire cleaning fluid.

LLUBRICANTS FOR ALUMINIUM EXTRUSION

ULTRACAST NB D20	120	Boron nitride dispersion in water for hot forming. Non-stick, release liner and lubricant.
ULTRACUT BIO ALC 25	27	Oil specifically designed for cutting aluminium by saw (disc or saw blade). It does not stain the aluminium on thermal degreasing and it is odourless.
ALUMOL FLUID 32	31	Cutting of aluminum profiles by disc-saw. Applied by microspraying devices.
ALUMOL EV 460S	1,6	Cutting of aluminum profiles by disc-saw. Applied by microspraying devices.
ULTRALUB EV 9	2,4	Cutting of aluminum profiles by disc-saw. Applied by microspraying devices.

ALUMINIUM DIE CASTING AT HIGH PRESSURE

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACAST W 2100	<10	Release agent for aluminium and zamak die casting.
ULTRACAST INJECT Z	<10	Release agent for zamak and aluminium die casting.
ULTRACAST 2070 MZK	2,3	Solvent based mold releaser to be used in zamak.
ULTRACAST PST 460 M	450	Mineral based lubricant to be used in the piston.
ULTRACAST PST 460 V	450	Lubricant for the piston based on synthetics oil.

COLD DRAWING OF BARS

ULTRALUB AC 127	125	Oil for cold drawing of rolled bars and bright bars.
ULTRALUB AC 161	160	Oil for cold drawing of rolled bars and bright bars.
ULTRALUB AC 280	280	Oil for cold drawing of rolled bars and bright bars. High performance.
PREVENT-RUST GR 10	10	Oil for calibrated bar with lubricating and anticorrosive capacity.

HOT FORGING AND STEEL FOUNDRIES IN THE STEEL INDUSTRY

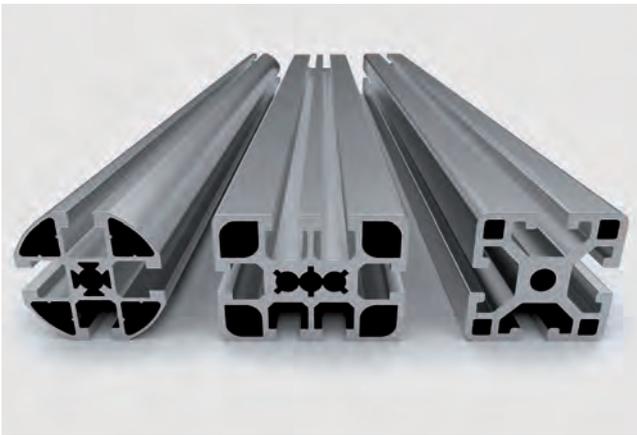
Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRACAST W 950	800	Synthetic fluid based on salts for hot forging. Soluble in water.
ULTRAFORGE GW 13	400	Colloidal graphite in water. Release agent for forging and stamping.
ULTRAFORGE EM	<10	Fluid free of solids components for hot forging for aluminium work peices.
ULTRAFORGE B	900	Dispersion of colloidal graphite in mineral oil for hot forging / stamping of brass.
ULTRACAST 209	7	Release agent for green moulding in iron cast production.
ULTRACAST 85	85	Release agent for steel continius casting. Production of billets, slabs.

QUENCHING OILS

TEMPLEX N	25	Non-washable quenching oil. Low viscosity, high stability against oxidation and high flash point.
TEMPLEX VS	22	Washable quenching oil for high speed cooling. Low viscosity, high stability against oxidation and high flash point.
TEMPLEX SOL 441	-	Water soluble fluid, based on synthetic polymers and used for steel quenching. Working temperature between 20 °C and 50 °C. At high concentrations the cooling rate is similar to an oil, while at low concentrations it is higher than water.



■ Metallic pieces obtained by deep drawing operations



■ Aluminium profiles obtained by extrusion process



■ Easy-open lids used in metallic packaging



■ Hot forging for foundry and steel industries

METAL PROTECTION



CORROSION PREVENTION PRODUCTS

Product	Type of film	Description and Applications
PREVENT RUST A-1	Oily	Water displacing corrosion protection fluid. Ideal for parts machined with water miscible coolants. Leaves a thin protecting film.
PREVENT RUST A-3	Oily	Water displacing and anti-corrosion fluid, non VOC. For mid and long term protection.
PREVENT RUST A-5	Oily	Corrosion protection fluid leaving a thick film for medium and long term protection. Compatible with halogenated solvents used in industrial washing machines.
PREVENT RUST A-7 AD	Oily	Anti-corrosion product, with an oily film, having a medium thickness. For long term protection.
PREVENT RUST A-25	Oily	Water displacing corrosion protection fluid leaving a film of medium thickness, featuring a high content in anti-oxidation and corrosion protection additives.
ULTRARRUST A-45	Oily	Corrosion protection fluid, special for lubricating roll forming processes of metal sheet.

CORROSION PREVENTION PRODUCTS

Product	Type of film	Description and Applications
PREVENT RUST A-80 HF	Oily	Dewatering fluid, based on aliphatic solvents (aromatic free) and with a high content of corrosion inhibitors. With a high water displacement capacity, It leaves a very thin and transparent oily / waxy film to provide long term protection to machined parts when stored.
PRODASPIT	Oily	Water displacing corrosion protection fluid. Ideal for parts machined with water-miscible coolants. Leaves a thin but very resistant film (> 80 h of salt spray chamber test).
ULTRARRUST 120W	Waxy	Water-displacing anticorrosive fluid leaving a dry film. Used to protect ferrous metal parts for long periods indoors or under cover, and in land transport.
ULTRARRUST 800W	Waxy	Water-displacing anticorrosive fluid leaving a dry film with a waxy finish. Used to protect ferrous metal parts for long periods indoors or under cover, and in land transport.
ULTRARRUST 800W SPRAY	Waxy	Spray version of this waxy film metal protector for long intervals.
ULTRARRUST TN	Oily	Water soluble anticorrosive fluid, based on mineral oil and anticorrosive additives, that cleans and protects the parts machined with water soluble fluids. Specially designed for ferrous metals (cast iron and steel), although it can be used for non ferrous metals.
PREVENT RUST S WAX	Waxy	Water based fluid, not containing solvents, ready to use or to be diluted. For mid and long term protections.

DEGREASERS



DEGREASERS

Product	Flash point	Description and Applications
STANDARD CLEAN M-4	> 60°C	Mineral based cleaner for engines and machinery. Emulsifiable in water for easy removal.
STANDARD CLEAN 50	–	Slightly alkaline water-soluble cleaner ideal for high pressure and steam cleansing. Concentration up to 50%.
ULTRADEG WS 80	–	Neutral water-soluble cleaner for application by spray, dipping and ultrasounds, leaving a protecting film. Concentration 2-5%.
ULTRADEG FG PLUS	–	Strong alkaline cleaner for industrial environment and polluting agents. Concentration 0.5-3% in water, or neat.
ULTRADEG 20	> 28 °C	Solvent-based cleaner featuring effective detergency of oils, greases and other carbonated residues. Very fast evaporation. Does not leave residues, chlorine-free.
ULTRADEG 40	> 40 °C	Degreaser based on highly refined paraffinic compounds. The product does not contain aromatic substances, chlorine nor HCFC. It is especially designed to feature a very rapid evaporation without leaving any type of residues.

DEGREASERS

Product	Flash point	Description and Applications
ULTRADEG 65 	> 61 °C	Solvent-based cleaner featuring effective detergency of oils, greases and other carbonated residues. Fast evaporation, not flammable. Does not leave residues, chlorine-free.
STANDARD CLEAN FC-5 	> 100 °C	Solvent-based cleaner featuring effective detergency of oils, greases and other carbonated residues. Slow evaporation, not flammable. Does not leave residues, chlorine- and VOC-free.
ULTRADEG BIO	65 °C	Based on biodegradable esters and renewable sources. Used for cleaning ferrous and non-ferrous metals to remove grease, oils and dirt in general. It is suitable for releasing natural and synthetic resins.
ULTRADEG WASH	Does not apply	Water based cleaner for exterior and interior wall machines. Ready to use. Does not attack paintings.

BLANKETS AND INK ROLLERS IN PRINTING INDUSTRY

CLEANGRAFIC 10

Specially formulated fluid for manual cleaning blankets, rubber and ink rollers used in the printing industry. Easily washable with water.

MISCELLANEOUS

DESBLOQUEANTE

Multipurpose oil for releasing rusted mechanisms, temporary antirust protection and lubrication of small mechanisms.

SPRAYS



SPRAYS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
MOLISPRAY	600	High-performance lubricant with molybdenum disulphide, with high adhesion for lubricating heavy-loaded mechanisms at temperatures of up to 450°C.
ULTRA MOLY DRY SPRAY	-	Dry film of molybdenum disulphide for lubrication in very dusty environment, tight mechanisms, threaded spindles, slides, racks and chains.
MULTIUSO SPRAY	5	Multipurpose penetration oil with excellent rust dissolving properties, high penetration and lubricating capacity.
SILICON SPRAY	220	Silicone aerosol specially formulated to use as a mould stripper for plastic material, antiadhesive for welding and as a polisher.
SOLDADURA SPRAY	1000	Anti-adhesive for welding in places where subsequent surface treatment must be applied.
MULTIGREASE SPRAY	Grease NLGI-2	Aerosol formulated to deposit a thin lubricating layer of very adhesive, water-resistant grease. Multipurpose lubrication up to +110°C.
MULTILUBE PTFE SPRAY	100	Multipurpose lubricating aerosol with PTFE which provides a very low friction coefficient. Excellent penetration and anti-oxidation capacity.

SPRAYS

Product	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRAPLEX ALEA 3000 MEDIUM SPRAY	Grease NLGI-0	Aluminium complex grease with high viscosity base oil for lubricating open gears and cables operating under high loads and unfavourable environmental conditions.
ULTRA CWF 1500 SPRAY 	1500	A synthetic spray lubricant with PTFE for lubricating open points in hard 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	Mould stripper without silicone for plastics and rubber. Anti-adhesive for welding. Allows for subsequent surface treatments: serigraphy, varnishing, painting, etc.
ULTRAGREASE TF SPRAY 	Grease NLGI-2	Food grade tefloned grease in spray. High resistance to water, steam and high temperatures (peaks up to 200°C). NSF H1 certification for incidental food contact.
ULTRATEF H1 SPRAY 	100	Food grade tefloned lubricant with good adherence and penetration properties. For chains, cables, guides, etc. at peak temperatures up to 150°C. NSF H1 certification for incidental food contact.
ULTRA MULTI FOOD SPRAY 	15	Multipurpose penetration oil with excellent rust dissolving properties, high penetration and lubricating capacity. NSF H1 certification for incidental food contact.
ULTRACUT UNI SPRAY	20	Multi-metal and multipurpose machining oil. Contains anti-mist additives. For bar turning.
ULTRARRUST 800 W SPRAY	–	Water-displacing anticorrosive fluid leaving a dry film with a waxy finish. Used to protect ferrous metal parts for long periods indoors or under cover, and in land transport. In spray form.
ULTRADEG 65 SPRAY	1,0	Solvent-based cleaner featuring effective detergency of oils, greases and other carbonated residues. Fast evaporation, not flammable. Does not leave residues, chlorine-free. In spray form.

MOULD RELEASES FOR CONSTRUCTION AND CIVIL WORKS



CONCRETE AND ASPHALT RELEASING AGENTS

Product	Water soluble	Description and Applications
DESTAC A	YES	Water-miscible concrete releasing agent. Does not stain nor affect the subsequent painting or plastering. For all types of moulds.
DESTAC 30 L	NO	Low viscosity concrete releasing agent for direct use.
DESTAC BIO	NO	Biodegradable low viscosity concrete releasing agent for direct use. Special for brickwork walls.
DESTAC 8 MZ	NO	Synthetic-based concrete releasing agent where the inside and outside appearance is especially critical. Recommended for ceramic tiles.
DESTAC MR	NO	Specially developed for ceramic and refractory bricks. It produces no fumes and leaves no carbonaceous residue. It can also be used in other applications as prefabricated concrete. A high quality in the released piece is reached, without spots or cracks on it.
DESTAC A 30 BIO	NO	New technology release agent ready to use. It is an emulsion of vegetable components, colourless, odourless and non-flammable. It is a non-toxic product that poses no risk to users or the environment.
DESTAC VEG	NO	Biodegradable fluid based on vegetable oil. Non-adhering fluid specifically developed to replace petroleum source solvents. Used as a non-adhering coating for the transport and application of road asphalt.

PRODUCTS FOR TEXTILE INDUSTRY



KNITTING MACHINERY LUBRICANTS

Product	Chemical composition	ISO VG Viscosity (CST at 40° C)	Description and Applications
ULTRATEX CR 22 / 32 / 46	Synthetic oils, additives and emulsifiers	22 32 46	Circular and rectilinear knitting machines.
ROS OIL A A-22 PLUS / A-32 PLUS A-46 PLUS	Synthetic oils and additives high refined mineral oils, emulsifiers and additive	22 32 46	Circular and rectilinear knitting machines.
ROS OIL A-22 PLUS TW	Yellowish mineral oil, additives and surfactant	22	Circular and rectilinear knitting machines. Washable.
ROS OIL W W-2 / W-3 / W-4	Whites oils and additives	22 32 46	Circular and rectilinear knitting machines.
ROS OIL A-22 FE	Mineral oil, additives and surfactant	22	Circular knitting machines. Rapid washing processes.
ROS CLEAN	Mineral oil and additives	6	Cleaning oil for needles.

SPINNING LUBRICANTS - MINERAL OIL

Product	Chemical composition	Character	Active M.	Description and Applications
ISOCARD A-30	Technical oils, fatty acids, additive	Anionic	100 %	Woollen spinning. Wool and blends.
ISOTEX	Technical oil with emulsifiers	Anionic	100 %	Warps and wefts.
ISOTEX RM	White oils, emulsifiers and additives	Anionic	100 %	High-density threads, very low friction coefficient.

SPINNING LUBRICANTS - WHITE MINERAL OIL

ISOTEX AB	White oil plus emulsifiers	Non-ionic	100 %	Warps and wefts. Polyethylene.
ISOTEX DT	White oil and additives	Non-ionic	100 %	Warps, double torsion, wefts.
ISOTEX 112	White oil, additives antiprojection	Anionic	100 %	Texturised and coning oils.
ISOMED GGR	Medicinal oil, plus additives	Anionic	100 %	Polyethylene. Fibres in contact with food stuff.

SPINNING LUBRICANTS - SYNTHETIC LUBRICANTS

Product	Chemical composition	Character	Active M.	Description and Applications
ISOIL OP 40	Copolymer plus anti-static agents	Cationic	25 %	Open-end spinning and grinding.
ISOIL 34	OE-OP copolymer, plus additives	Non-ionic	40 %	Mixed and synthetic fibre spinning.
ISOIL B-P	Copolymer, lubricant and anti-static	Anionic	80 %	PA, PE and PP fibres.
ULTRATEX S-50 THERMICAN	Lubricant based on silicone oils and anti-static additive	Non-ionic	100 %	PP spinning. Water-repellent.

SPINNING LUBRICANTS - COLD SIZING AGENTS

ISOWACH	Polyglycol esters and emulgents	Anionic	20 %	Warping of all types of fibres.
ISOWACH 5	Glycol Polymers and emulgents	Non-ionic	20 %	Warping of linen blends.

SPINNING AUXILIARES - ANTISTATIC AGENTS

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

SPINNING LUBRICANTS -RESISTANCE PROVIDERS

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

SPINNING LUBRICANTS - WETTING AGENTS

HUMISOL 45	Sulphated surfactants	Anionic	45 %	Spinning wetting agent.
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SPINNING LUBRICANTS - EQUALIZERS

ISOGAL AE	Aliphatic ester	Anionic	65 %	Dyeing equalizer, for dispersed and direct reagents and dyes.
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OTHER LUBRICANTS

ISOTEX T  	White fluid non-toxic	Non-ionic	100 %	Polypropylene bag manufacturing. 3H NSF certified.
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R+D



COGELSA offers you a complete range of services supporting the implementation and use of its lubricating oils and greases.

- Friction tests that provide information on temperature and coefficient of friction of the fluids to compare their lubricity.

- X-ray analysis of lubricants in use to determine its status.

- Analysis of soluble fluids to guarantee their optimum operating condition.



The laboratory has about 500 m² and 7 full-time technicians.

The main mission of the unit is the research and the development of new products and the quality control of the raw materials and the finished products.

Thanks to these resources **COGELSA** has a high ability to design and formulate lubricants tailored to the customer's needs, and which can meet the latest industrial applications.



PRODUCTION AND LOGISTICS



COGELSA has a total area for its facilities of 16,000 m².

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

The facilities are in constant growth in order to respond to the increasing demand of products by the industrial markets.

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



In order to guarantee a fast supply to its customers, COGELSA has more than 2.000 tons of stock taking into account raw materials and finished product.

A well-prepared logistics team guarantees a fast and agile handling of the products and of the different orders, which are shipped out to more than 40 countries around the world.



COGELSA[®]

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