



# LUBRICANTS FOR THE FOOD INDUSTRY

***COGELSA***  
EFFICIENT LUBRICATION



More than **100** years

providing efficient solutions for industrial lubrication



COGELSA a company that develops, manufactures and markets high-tech lubricants and greases, was founded over 100 years ago in Barcelona, Spain.

Over these years, the company has gained vast experience in different fields of industrial applications.

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

COGELSA is present in more than 30 countries around the world through its wide distribution network, from Asia to Europe, Africa and America.

COGELSA offers a high-level technical service to advise on the product that should be used, as well as to follow up on the performance of the product in situ with periodic laboratory analyses that allow a long life cycle.

We supply lubricants and grease to major multinational companies that have the highest requirements with regards to the stability and performance of products.

We will be happy to be your technical partner and help you develop your business so you can focus on your proposal for added value.

Allow COGELSA to take care of your industrial fluids!



Laboratory of about 500 m<sup>2</sup> with 7 technicians. This is used for research, development and quality assurance purposes.

Ability to design and formulate tailor-made lubricants to meet the new demands of the latest industrial applications.



COGELSA has specific production reactors destined to products for the food industry. The company is continuously investing in new facilities and expanding its production capacity.

COGELSA has a complete range of services for the application of its oils and grease in the food industry:

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

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

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

# APPROVALS AND CERTIFICATIONS



2,500 m<sup>2</sup> plant for the production and packaging of the special range of oils and greases for the food and pharmaceutical sector.

The food, beverage, cosmetics and pharmaceutical production industry must select the appropriate products not only for their operating requirements, but also to meet regulatory requirements.

With regard to lubrication, the most efficient solution is the use of lubricants and greases that are 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, which specifies the requirements of hygiene for the formulation, manufacture, preservation and distribution of lubricants that may occasionally come into contact with products and packaging used in the food, cosmetics, pharmaceuticals or animal feed industries.

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

COGELSA has achieved Halal certification from the Halal Institute and Kosher certification from the Kosher Federation for products that make up the range of lubricants, vaselines and greases suitable for contact with foodstuffs.

This certification allows COGELSA to take 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 of their products, following the strict criteria of this community and with the full Halal and Kosher guarantee.

The COGELSA range includes products that are free of both mineral saturated hydrocarbons (MOSH) and mineral aromatic hydrocarbons (MOAH).



# LUBRICATING OILS AND VASELINES

PRODUCT	APPROVAL AND CERTIFICATION	VISCOSITY ISO VG (cSt AT 40°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRA ATOX</b> 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, 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.
<b>ULTRASynt ATOX</b> 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 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.
<b>ULTRA VBA</b> 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 vegetable oil mills. Quality level DIN 51524 Part 2 HLP / DIN 51517 Part 3 CLP.
<b>ULTRATEF H1</b>		100	Multipurpose oil with PTFE for lubrication of open mechanisms in the food industry. NSF approved as H1 for incidental food contact.
<b>ULTRA CS 200 H1</b>		200	It is especially 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.
<b>ULTRASynt FGT 150</b>		150	Special 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.
<b>ULTRACHAIN FG 220</b>		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.
<b>ULTRACHAIN LRFG 290</b>		290	Synthetic oil for chain lubrication with operating temperature up to +220°C. Minimum residue formation. Certified by NSF as H1 – suitable for incidental food contact.
<b>FARMOL</b> 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.
<b>FARMOL NL</b>		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 <sup>2</sup> /s.
<b>ULTRAFARM 40</b>		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.

## LUBRICATING OILS AND VASELINES

PRODUCT	APPROVAL AND CERTIFICATION	VISCOSITY ISO VG (cSt AT 40°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRAFARM VDP-E</b>		32	Vegetable oil with additives, especially for divider-weighers in industrial bakeries. High resistance to heat and oxidation. Certified by NSF as 3H - suitable for direct contact with food.
<b>ULTRASIL CUT 300</b>		1	Food grade emulsion of silicone for lubrication and refrigeration in low severity metalworking operations.
<b>WHITE OIL FILANTE</b>		-	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.
<b>ULTRATERMIC P-6</b>		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 and HT1 certification.
<b>ISOTEX T</b>		21	Mineral oil with emulsifiers. Warps and wefts.
<b>ISOTEX T NEW</b>		21	Medicinal oil and ester. Polypropilene. Special for production citrius bag. Meets UE 20/2011.

## VANISHING OILS FOR COLD FORMING

PRODUCT	APPROVAL AND CERTIFICATION	FLASH POINT (°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRALUB EV 3 ATOX</b>		60	With high drying speed, especially recommended for stamping steel containers, with embossing areas. Neutral smell. In many cases previous degreasing is not needed for later surface operations. Certified H1 (incidental contact with food).
<b>ULTRALUB EV 6 ATOX</b>		95	Vanishing oil for light deformation of non-ferrous metals. Can be used in easy-open lids in the manufacturing of tins. NSF H1 certification.
<b>ULTRALUB EV 5</b>		45	Very high drying speed, for stamping, conforming and punching of sheet steel, permitting average embossing. Light smell. In many cases previous degreasing is not needed for later surface operations. Inflammable.
<b>ULTRALUB EV 7 ATOX</b>		70	High drying speed, for stamping in rapid presses and embossing of food tins. Neutral smell. In many cases previous degreasing is not needed for later surface operations. Certified by NSF as H1 – suitable for incidental food contact.
<b>ULTRALUB EV 50</b>		45	A pure cooling lubricating fluid for light stampings of aluminium, copper, brass. Especially applicable in the last part of processes such as lamination as it does not leave residues.
<b>ULTRALUB EV 350 AL</b>		75	Vanishing oil for light deformation of non-ferrous metals. Very appropriate for aluminium deformation. NSF H1 certification.
<b>ULTRALUB EV 2645 S</b>		105	Relatively slow drying, recommended for average embossing and stamping of sheet steel of all metal. Light smell. In many cases previous degreasing is not needed for later surface operations. COV free. Certified by NSF as H1 – suitable for incidental food contact.

## VANISHING OILS FOR COLD FORMING

PRODUCT	APPROVAL AND CERTIFICATION	FLASH POINT (°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRALUB EV 11 PC</b>		> 65	Lubricant for paper cup machines in the production of hot and cold beverage cups.
<b>ULTRALUB AC 15 ATOX</b>		> 250	Environmentally friendly biodegradable lubricant free of chlorine and heavy metals, as well as any other compounds classified on negative lists. Free of hydrocarbons. Applications: stamping, deep drawing, lubrication of spindles in filling lines, lubrication and cleaning of chains, anti-dust...
<b>ULTRALUB LIGHT</b>		75	Synthetic lubricant of rapid evaporation for brief cutting cycles. Free of smell, not leaving any residues.

## LUBRICANT GREASES

PRODUCT	APPROVAL AND CERTIFICATION	NLGI CONSISTENCY	DROPPING POINT (°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRAGREASE BETA 2</b>		2	140	Synthetic food grade grease for low temperature applications. Operating temperature from -60°C up to +110°C. NSF H1 certification.
<b>ULTRAGREASE ATOX 2</b>		2	Infusible	Food grade high-performance grease with synthetic base and PTFE. Working temperature up to +160°C. Especially for can closers, washing plants, packaging and points exposed to the action of water and steam. NSF H1 certification.
<b>ULTRAGREASE ALFA 2</b>		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.
<b>ULTRAPLEX FG 00 / 0 / 1 / 2</b>		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°C up to +150°C. NSF H1 certification.
<b>ULTRAPLEX FG 462</b>		2	250	Food grade aluminium complex grease for the lubrication of lubrication points with the possibility of incidental food contact. Very high adhesion and water resistance, high protection against wear, high loads and corrosion. Operating temperature -20°C to +150°C. NSF H1 certification.
<b>ULTRAPLEX CSFG 460 / 462</b>		0 / 2	300 / 300	Calcium sulphonate greases 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.
<b>ULTRAGREASE TOP 1 / 2</b>		1 / 2	- / -	Grease with fluorinated base and PTFE thickener special for lubrication in extreme conditions. Operating temperature from -20°C to up to +260°C. Resistant to solvents and almost all chemical products. Food grade NSF H1 approved. High load carrying capacity.

## DEGREASERS

PRODUCT	APPROVAL AND CERTIFICATION	FLASH POINT (°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRADEG 65</b>		> 61	Solvent-based cleaner featuring effective detergency of oils, greases and other carbonated residues. Fast evaporation, not flammable. Does not leave residues, chlorine-free.
<b>ULTRADEG 40 ATOX</b>		208	Hydrotreated and additivated oil free of chlorine and heavy metals, as well as any other compound classified in negative lists. Specially developed for the cleaning of grooved cylinders.
<b>STANDARD CLEAN FC-5</b>		> 100	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.
<b>ULTRADEG 5000 ATOX</b>		-	Water based universal detergent, highly biodegradable, neutral character and high inhibition. Adequate for application by spray, immersion and ultrasounds in ferrous metals: iron, steel, casting, etc. Compatible with aluminium. NSF A1.

## SPRAYS

PRODUCT	APPROVAL AND CERTIFICATION	VISCOSITY ISO VG (cSt AT 40°C)	DESCRIPTION AND APPLICATIONS
<b>ULTRA CWF 1500 SPRAY</b>		1,500	A synthetic spray lubricant with PTFE for lubricating open points in hard working conditions. NSF H1 approved. Chains, cables, guides, cams and other mechanisms in the food and beverage industry.
<b>ULTRAGREASE TF SPRAY</b>		Grease NLGI 2	Food grade grease in spray with PTFE. High resistance to water, steam and high temperatures (peaks up to +200°C). NSF H1 certification for incidental food contact.
<b>ULTRATEF H1 SPRAY</b>		100	Food grade lubricant with PTFE. Good adherence and penetration properties. For chains, cables, guides, etc. at peak temperatures up to +150°C. NSF H1 certification for incidental food contact.
<b>ULTRA MULTI FOOD SPRAY</b>		15	Multipurpose penetration oil with excellent rust dissolving properties, high penetration and lubricating capacity. NSF H1 certification for incidental food contact.
<b>ULTRADEG 65 SPRAY</b>		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.
<b>SILICON SPRAY</b>		220	Silicone aerosol specially formulated to use as a mould stripper for plastic material, antiadhesive for welding and as a polisher. NSF H1 certification.

## COOLANTS

PRODUCT	FREEZING POINT (°C)	DESCRIPTION AND APPLICATIONS
<b>TEMPLEX COOLANT ATOX</b>	-24	Fluid based on medicinal grade propylene glycol USP 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 antifreeze contact with foodstuffs, pharmaceuticals or cosmetics.
<b>TEMPLEX COOLANT ATOX CONC.</b>	< -50	Fluid based on medicinal grade propylene glycol USP and food grade anti-corrosion additives. Protection of cooling circuits in installations where there is a possibility of antifreeze contact with foodstuffs, pharmaceuticals or cosmetics. Originally it is a product to be used as it is, although it can be diluted with a maximum of 30% demineralised water.

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EFFICIENT LUBRICATION

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