

SERVICE LUB

December 2019



Telemetry
Remote oil monitoring

Agribex 2019
Visit us and win!

ESCA Food Grade
Food appropriate oils

PRODUCTS IN THE SPOTLIGHT

Pallas 2000 5W30

PALLAS 2000 5W30 was specially developed to meet the most stringent requirements of the latest 4-stroke heavy-duty diesel engines. This engine oil allows refreshment intervals of up to 150,000 km in intensive use, subject to regular oil analysis. Moreover, thanks to its unique formulation, this product offers considerable fuel savings. PALLAS 2000 is extremely suitable for engines with DPF (particulate filter) that comply with Euro V and Euro VI standards.



Thermoplex

Thermoplex is an EP grease (Extreme Pressure), developed on the basis of a lithium complex soap. This grease is a universal "long life" grease and is particularly suitable for long-term use in a wide range of temperatures, from

- 30°C to 150°C, with peaks of up to 220°C.

Thermoplex can withstand high speeds and heavy loads and shocks, and is therefore suitable for lubrication of truck axles, lubrication of all ball, roller or needle bearings and for bearings that are subject to heavy pressure and high temperature, even in the presence of water.



Fluid HIS

Fluid HIS, a UTTO lubricant (Universal Transmission Tractor Oil), greases all parts (with the exception of the engine) of agricultural vehicles. FLUID HIS may be used for the lubrication of mechanical transmissions (such as gearboxes), (torque) converters, distribution boxes, hydraulic transmissions and submerged brake systems.



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Contact your representative
for

AGRIBEX 2019

Agribex is Belgium's largest professional indoor exhibition for arable farming, cattle breeding and landscaping.

At the fair, you will not only have the opportunity to meet colleagues from the entire agricultural sector in a relaxed atmosphere, but you will also be able to address suppliers with your specific wishes, expectations and purchase plans in a very targeted manner. Agribex 2019 will take place from 3 to 8

As per tradition, Unil Lubricants will also be present as an exhibitor at the fair in palace 11 of Brussels Expo this year. We look forward to meeting you at stand 11107

Unil Lubricants has a wide range of lubricants for agriculture and horticulture.

Be sure to pay us a visit and don't miss out on the special Agribex promotions. Our representatives are at your service every day from 10 a.m. to 6 p.m. with professional advice and various refreshments.

PAY US A VISIT AND WIN!

In addition to the special promotions that you can only enjoy during the trade fair days, you also have the chance to win a number of great prizes.

Take part in our competition at the stand and go home with our exclusive goodie bag. Out of all the winning participants, 3 lucky ones will be drawn who will

be given the chance to win their weight in lubricants.





Visit www.unil.com for a comprehensive overview of FORM oils and all other metalworking products.

COSTS EVAPORATE WITH FORM OILS

A classic emulsion bath is often still used for the forming and punching of sheet material. However, you can save a lot of time and money when machining aluminium, copper, zinc or steel sheets (whether or not galvanized) by using an evaporable liquid for folding, deep drawing, cutting, shaping, sawing or threading. Unil has developed a range of FORM oils especially for this purpose.

Safe evaporation.

The low viscosity of FORM evaporation oils allows them to be easily applied directly to the parts to be machined by atomisation, by felt or roll or by drop lubrication. The drying extract used in the formulation leaves a film that is invisible to the eye and provides lasting protection against corrosion. The FORM deformation oils contain only chlorine-free and non-toxic solvents so that there is no danger or odour nuisance for the operator during evaporation.

Saves up to 40% in time and costs

When using evaporable liquids, there is no need to degrease the pieces. In addition, the purity remains guaranteed even after treatment. There is no risk of dust from the workshop adhering to the stored parts. This in itself results in an enormous time saving.

Furthermore, FORM oils do not have the disadvantages that can occur when using water-based products. Due to the absence of water, there is no risk of corrosion or contamination due to the presence of microorganisms. Because only the central supply of the lubricants needs to be supplemented, the complex monitoring of emulsion baths is also a thing of the past. In this way, up to 40% can be saved on the consumption of the lubricant.





ESCA products are subjected to meticulous checks throughout the entire production process.

ESCAFOR SAFE FOOD

Food safety is crucial in the food industry. Incidental contact of food with a conventional lubricant can have serious consequences for the consumer. That is why, in cooperation with ESCA, Unil developed a completely new line of food grade oils and fats that are all NSF H1 certified.

The ESCA food grade lubricants are extremely suitable for use in all food processing companies and producers of animal feed. In addition to the classic hydraulic, compressor, gear and chain oils, there are also many special products available within this range that guarantee the safe lubrication of all applications within the company. For each mineral oil there is a synthetic variant available that allows use in the most demanding conditions. Furthermore, all ESCA lubricants are Kosher and Halal certified.

All ESCA lubricants are meticulously controlled and tested throughout the production process to eliminate any form of contamination. In this way, both we as a producer and your customer (the end consumer) are assured of healthy and, above all, safe food.

You can find the full range of

ESCA Unil Lubricants on the following pages.

The ESCA range is the result of extensive consultation and close cooperation with many companies in the food sector.

LUBRICANTS FOR THE

FOOD INDUSTRY

Product and description	ISO VG / NLGI	Basis
GEARBOX AND CHAIN OILS		
ESCA Gear W ESCA GEAR W is a gear oil based on white oils. The most recent additive technology was used in its development, which guarantees the excellent extreme pressure and load characteristics required in gearbox systems for the food and pharmaceutical industries.	150 • 220 • 320 • 460 • 680	White oil
ESCA Gear P ESCA GEAR P is a synthetic high performance gearbox lubricant based on polyalphaolefins (PAO). The most recent additive technology available was used for the development, which guarantees excellent extreme pressure and load properties required in gearbox systems for the food and pharmaceutical industries.	150 • 220 • 320 • 460 • 680	PAO
ESCA Gear PG ESCA Gear PG is a poly(oxy)propylene based product primarily designed for applications with worm gear wheels in the food and feed industry.	150 • 220	Polyglycol
COMPRESSOR OILS		
ESCA Compressor W ESCA COMPRESSOR W is a compressor oil based on white oil and was developed for use in the pharmaceutical and food industries. This oil is ideal for use in screw and rotor compressors.	46 • 100	White oil
ESCA Compressor P ESCA COMPRESSOR P is a synthetic compressor oil based on PAO. This oil has a very good resistance to oxidation and is highly resistant to thermal degradation. ESCA COMPRESSOR P is ideal for use in rotary screw compressors and rotor compressors in the pharmaceutical and food industries.	32 • 46 • 68 • 100	PAO
GREASES		
ESCA Grease P AL ESCA Grease P AL is designed for a wide range of applications including extreme temperatures, wet or saturated environments, heavy-duty applications and in places where dust or other contaminants are present.	2	Aluminium complex PAO
ESCA Grease CA 2 400 ESCA GREASE CA 2 is a calcium sulphonate grease based on white oil. This grease has an excellent resistance to corrosion and is quite water resistant. ESCA GREASE CA 2 is recommended for the following use in the food industry: <ul style="list-style-type: none">• Bearings operating under a very high load• Bearings rotating at moderate to high speed• Machines operating in very low ambient temperatures• Machinery operating in the presence of water, heat and/or extreme loads	2	Calcium sulfonate PAO
Alimenta Lubricant for equipment that comes into contact with food or pharmaceutical products. Formulated on the basis of white pharmaceutical oil, in accordance with CODEX, with harmless additives.	2	Bentone White oil
Grease AL/TF 2 GREASE AL TF is a widely applicable aluminium complex grease with exceptional anti-wear and anti-corrosion properties. GREASE AL TF has a very low friction coefficient thanks to the balanced addition of TEFLON®.	2	Aluminium complex White oil
Polyfood POLYFOOD is an ultra-pressure calcium complex grease for the food industry based on white oils. All ingredients are FDA-approved for incidental food contact and NSF-H1 approved.	1.5	Calcium complex White oil

Product and description	ISO VG / NLGI	Basis
HYDRAULICS		
ESCA Hydro Food ESCA HYDRO FOOD hydraulic oils were developed for use in the food industry. These oils are available in ISO VG 32 to 68 viscosities.	32 • 46 • 68	White oil
ESCA Hydro P ESCA HYDRO P is a synthetic hydraulic oil based on polyalphaolefins (PAO). The specific additives guarantee excellent anti-wear and "EP" properties. In addition, the increased viscosity index significantly improves system performance.	15 • 32 • 46 • 68 • 100	PAO
SPRAYS		
Food Grease Officially approved NSF-H1 grease for incidental food contact, colour and odourless, ideal for the food industry. It poses no health risk whatsoever	2	Aluminium Complex
ESCA Food Spray Lubricant, anti-grip and anti-corrosion agent. Penetrates deeply into all mechanical parts and leaves a thin film that protects against corrosion. NSF H1 approved.	2	White oil
COMPRESSED AIR LUBRICATION		
ESCA Airlube 32 Intended for the lubrication of pneumatic material, particularly recommended for the lubrication of pneumatic equipment where the lubricant may occasionally come into contact with food.	32	White oil
DEGREASER		
ESCA FOOD DGR A chlorine-free solvent used for degreasing mechanical parts of any type of metal in the food industry. This fluid is composed exclusively of components listed on the FDA 21 CFR 178.3530. In this way, all the conditions for an H1 certification are met.	2	Solvent
THERMAL OIL		
ESCA Therm 35 ESCA THERM 35 is recommended for use in heat transfer systems within the ood processing industry. The product has excellent thermal stability and can be used during the liquid phase between -15°C and 325°C.	32	White oil
SUGAR DISSOLVING OIL		
ESCA Sugar 22 ESCA SUGAR 22 is a low viscosity product based on a mixture of polyethylene-polypropylene glycol ether (PEG/PPG). This liquid combines lubricating properties and corrosion protection with the required solubility in water systems. This makes it ideal for use as a cleaning agent in the confectionery market and for any sugar-related application.	22	Synthetic

NO MORE EMPTY TANKS THANKS TO **TELEMETRY**

No more stress and production stoppages due to an empty oil tank. Unil Lubricants can equip your tanks with ultrasonic or float sensors which enable you to monitor the status of your oil level at all times via your smartphone, tablet or PC. In addition, an automatic command can be sent to Unil via the appropriate software when the tank needs to be refilled.

Advantages of telemetry:

- The liquid level of your tanks no longer needs to be checked on the spot
- Unil can monitor the liquid level of your tanks and thus ensure that they remain constantly filled
- Order automation saves time
- No more production stops due to an empty tank

Interested in our telemetry solutions? Contact Unil at info@unil.com or 02 365 02 00.

With telemetry you have
all the necessary data at
hand!



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