







An independent, dynamic and innovation-oriented family business.



A company from South Tyrol with a global vision, operating worldwide.



FOR 50 YEARS THE WORLD RUNS SMOOTHLY WITH NILS WE PRODUCE HIGH-QUALITY LUBRICANTS TO GUARANTEE MAXIMUM PERFORMANCE IN ALL WORKING CONDITIONS.



A true partner you can trust to find custommade solutions.



A team of 250 professionals who put the customer at the heart of their work.



Efficiency, innovation and quality are in our DNA.

# CHOOSING **NILS**, MEANS CHOOSING QUALITY

Choosing NILS means investing in your company. Our 360° consultancy allows you to define the best product according to your needs.





# QUALITY IS SUSTAINABLE

Sustainability and ecology are fundamental principles for NILS and our R&D department. Thanks to the high quality achieved by our products, we offer improved economy on the quantities used while guaranteeing safe operation, high machinery efficiency, and respect for the environment. Choosing a state-of-the-art product realizes concrete benefits for the customer and the environment.







# QUALITY UNDER CONTROL





# CUSTOMER-ORIENTED INNOVATION

The customer-oriented support by our consultants and technicians enables us a continuous insight into the topics and problems that our customers are dealing with every day. The close exchange between service technicians and the laboratory is essential for developing innovative lubricants for overcoming these problems and increasing the efficiency of your machines and plants.









INDUSTRY

## **GREASES & PASTES**



\* = DN Factor. A factor for the evaluation of the right grease based on the diameter of the bearing and the RPM / s.t. = short term / d.f. = dry film











ISO VG 150 || 220 || 320 || 460 || 680

ATOIL SYNT PAO are fully synthetic lubricants characterised by excellent low-temperature fluidity and high thermal resistance, thus ensuring ideal lubrication at all temperatures. Their special, highly additivated, chlorine-free formulation allows extended replacement intervals, and lower operating temperatures and ensures optimal lubrication of components.

SPECIFICATIONS CLP HC DIN 51517-3 || API GL4

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**ATOIL SYNT BIO** ISO VG 150 || 220 || 320

BASE OIL synthetic satured ester

TRANSMISSION

ATOIL SYNT BIO is a 100% biodegradable synthetic lubricant for the lubrication of various types of gears, gearboxes, planetary gears and circulating systems as well as for the lubrication of chains and guides. ATOIL SYNT BIO is suitable for use under severe working conditions heavy loads, temperature fluctuations, etc. Due to its biodegradability characteristics, the product is particularly suitable for use in ecologically hazardous environments. The formulation on synthetic bases gives ATOIL SYNT BIO exceptional heat resistance and remarkable fluidity even at very low temperatures.

#### SPECIFICATIONS

API GL4 || BIODEGRADABILITY OECD 301 F > 60%



BASE OIL mineral premium

emium



RIPRESS EP is a premium lubricating fluid based on paraffinic mineral oils and selected additives that provide excellent friction reduction and protection characteristics for all types of gears. This lubricant is formulated and produced from premium-refined oils that guarantee a longer service life and have a higher in-service performance than conventional products.

SPECIFICATIONS CLP DIN 51517-3

#### **RIPRESS SYNT** BASE OIL ISO VG 68 || 100 || 150 || 220 || 320 || 460 || 680 PAG TRANSMISSION RIPRESS SYNT are synthetic polyglycol oils (PAG) specifically formulated for the lubrication, of circulation or splash systems, of all types of gears and bearings in crankcases operating under extremely severe operating conditions (high and/or low temperatures, heavy loads, shocks, etc.). RIPRESS SYNT is used in glass processing machines, paper mill machinery, furnaces and machines in the ceramic, rubber and plastic industries. SPECIFICATIONS CLP PG DIN 51517-3 BURIAN BASE OIL mineral premium SAE 40W || LIGHT || PLUS ENGINE BURIAN are the latest generation of high-performance engine oils, formulated for use on gas-fuelled cogeneration engines. Under the supervision of the most established engine manufacturers, BURIAN have been extensively tested and analysed under the most extreme working conditions, demonstrating excellent capabilities and long service life on gas and biogas cogeneration plants. SPECIFICATIONS CATERPILLAR || LIEBHERR || MWM (ex Deutz Power) Only for BURIAN SAE 40W: INNIO JENBACHER || MAN M 3271-4 || MTU Onsite Energy Only for BURIAN LIGHT: INNIO JENBACHER gas A || MAN M 3271-2 Only for BURIAN PLUS: INNIO JENBACHER **COMPRESS M** BASE OIL mineral premium ISO VG 46 COMPRESSOR COMPRESS M is a mineral oil formulated with severely selected mineral bases and technologically advanced additives specifically formulated for the lubrication of rotary compressors (screw or vane) with air temperatures up to 220°C. COMPRESS M, being zinc-free and ash-free, prevents the formation of sludge and residues even under severe operating conditions. Corrosion and wear protection combined with high emulsifying power and fast air release ensure the safe operation of compressors. SPECIFICATIONS VDL DIN 51506 COMPRESS PAO BASE OIL 回 ISO VG 32 || 46 PAO COMPRESS PAO is a synthetic oil based on PAO (poly-alpha-olefins) and technologically advanced additives. COMPRESS PAO is specifically formulated for the lubrication of rotary compressors (screw or vane), and rotary vacuum pumps (vane), but it is also suitable for various types of reciprocating (piston) compressors. The high resistance to oxidation also allows for longer oil changes, even under severe working conditions. SPECIFICATIONS ATLAS COPCO || COMPAIR || GM LJ || HYDROVANE || KAESER || VDL DIN 51506 || WORTHINGTON-CREYSSENSAC COMPRESS R BIO BASE OIL ٥ų/ synthetic ester ISO VG 32 || 46 || 68 COMPRESSOR COMPRESS R BIO is a biodegradable lubricant based on saturated synthetic esters, specially formulated for the lubrication of rotary compressors (screw or vane). It is ideal in environments protected from pollution and is also used in some piston compressors. SPECIFICATIONS

DAJ ISO 6743-3 || VDL DIN 51506 || 0ECD 301 B



WE HAVE ALWAYS USED **FIRST-RATE REFINED BASES AND INNOVATIVE, HIGH-TECH ADDITIVES**, THUS MEETING YOUR EVERY NEED.





## AUXILIARY PRODUCTS

#### SILIKON 1-2

SILIKON 1-2 is a lubricating grease with excellent electrical insulation properties, compatible with elastomers and polymers (plastic) and is particularly suitable for lubricating seals (also EPDM), plastic and rubber parts.

#### EASY CLEAN

Hand-washing poste with high degreasing and cleansing power in different formats. It effectively cleanses hands of oils, grease and dirt in general, leaving the skin fragrant, smooth and soft. In the absence of water, practical wipes are also available in 80-piece cans.

#### **DETERGENTE** 8169 || 8171

DETERGENTE is a line of ready-to-use detergents for cleaning heavily soiled parts, especially suitable to clean bearings, gear wheels, mechanical parts etc from grease, lubricant and other dirt. The product can be applied both by dipping and spraying. DETERGENTE 8169: MEDIUM EVAPORATION RATE DETERGENTE 8171: HIGH EVAPORATION RATE



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NYLSET is a line of highly concentrated, solvent-free, readily biodegradable detergents (to be diluted in water). Thanks to their degreasing properties, they are particularly suitable for cleaning oily residues, grease and dirt even on vehicles. The NYLSET series is formulated for use in pressure washers.



NIROST is a series of Dewatering Fluids (detaches water from the treated part) with corrosion protection. Optimal for the protection of vehicle chassis, bodywork and all kinds of mechanical parts, it also protects against corrosion from road salt.

**POLAR** POLAR || POLAR PLUS || POLAR S-0

Antifreeze line for the cooling systems of all petrol and diesel engines. Available as concentrates to be diluted in demineralised water or as ready-to-use **MIXED** versions. **POLAR** conventional fluorescent yellow antifreeze.

**POLAR PLUS** organic antifreeze formulated with innovative fluorescent orange OAT technology. **POLAR S-O** hybrid antifreeze containing a special combination of purple silicate OAT additives.





### ACCESSORIES

### **AUTOLUB**

NILS AUTOLUB series are automatic grease guns and automatic lubrication systems in various solutions that allow constant and controlled dispensing of the lubricant oil or grease, without the need for manual lubrication of machinery or components by an operator.

### PNEUMATIC PUMPS

Wide range of pneumatic pumps for dispensing grease and lubricating oil. Various accessories are available from trolleys to digital guns, from hose reels to complex lubricant dispensing systems.

### PORTABLE GREASE PUMPS

Manual grease pump with LS screw technology. In addition, a wide range of manual or batteryoperated pumps is available for every need and ease of use.

#### NEBULIZER

Wide range of portable pneumatic devices for spraying cleaning liquids. Ideal to applicate of detergent on machines and tools or distribute protective agents. Particularly suitable for the application of the NYLSET and NIROST series.

## PARTS WASHER

Universal compressed air washing tank for quick cleaning of mechanical and general components. Includes washing brush and compressed air gun for drying. Particularly suitable for the use of the DETERGENTE series and for BOXER PLUS.

### LUBRICANT STORAGE BASINS

EISENBEISS

Certified, watertight steel retainment basins for standardized storage of lubricants. Available in various sizes and with different accessories.



GOGLIO.

(D) KRONE















THE PERFECT FORMULA Technology, experience and expertise close to you. Discover the advantages of choosing quality, starting with a NILS consultant.

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ENG V.2023.04