

Industrial Lubricants

LUBRICANTS.
TECHNOLOGY.
PEOPLE.



About FUCHS

FUCHS PETROLUB is a global Group based in Germany which produces and distributes lubricants and related specialties around the world. The Group, with its headquarters in Mannheim, Germany, ranks number one among the world's independent lubricant providers.

The wholly owned Australian subsidiary has been supplying specialised lubricants since the late 1890's and is the leading market player in many lubricant sectors.

Manufacturing facilities are located in Melbourne and Newcastle, all with ISO9001 certification and individual distribution, R & D and quality control capabilities.

In addition, FUCHS' extensive range of specialist lubricant services are supported by qualified laboratory technicians providing a vast array of fluid analyses including the highly specialised condition monitoring tool known as CENT.

The FUCHS Group is at the leading edge in formulation and application technology of all types of rapidly biodegradable lubricants and functional fluids, leading the development of the PLANTO product range and a continued commitment to the environment through the FUCHS Environmental Policy.

There is no better testament to this commitment than FUCHS' Melbourne operation being awarded ISO14001 Environmental Certification.

FUCHS Lubricants specialises in five main areas of lubrication:

- **Automotive**
- **Industrial**
- **Specialist Applications including Open Gearing Lubrication**
- **Mining**
- **Genuine Brands**

Through the dedication to maintain market leadership, FUCHS' products and services are constantly evaluated and updated to meet the ever-increasing demands of industry. This ongoing process ensures that FUCHS Lubricants will consistently exceed all future requirements.



FUCHS Lubricants provides an unrivalled personalised focus to its customer-base with 12 distribution sites throughout Australia and New Zealand and over 95% of products manufactured locally.

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The world of Industrial Lubricants

We understand your products and processes.

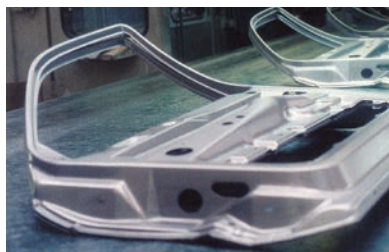
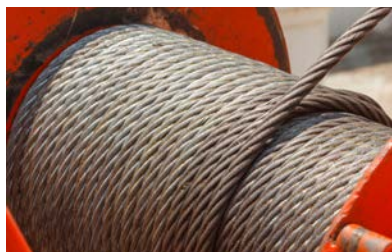
Whether transmitting energy through fluid media (hydraulic fluids), reducing or transmitting driving forces (transmission oils), producing energy (power stations), cooling (refrigeration oils) or generating compressed air (air compressor oils), the relevant industrial oils have a key task to perform. Many processes only run smoothly with specially-made lubricant solutions. Safety, machinery, processes and systems in particular must be taken into consideration here.

FUCHS industrial lubricants can make a significant contribution to achieving higher productivity and improving efficiency, for example in hydraulic systems, gear units and many other applications. Low varnish turbine oils guarantee fail-safe operation of power stations. Refrigeration oils specially adapted for eco-friendly refrigerants improve the environmental balance of the cold chain. Rapidly biodegradable lubricants present an alternative to hydrocarbon-based lubricants, and energy-efficient hydraulic and transmission oils can make a key contribution to cutting energy consumption.

Innovative lubricants require experienced advice.

Every lubricant change should be preceded by expert consultation on the application in question. Only then can the best lubricant system be selected. Experienced FUCHS engineers will be happy to advise on products for the application in question and also on our full range of lubricants.





Metalworking **CORE 4**

To assist with a product selection for most metal removal operations, Fuchs offers a CORE 4 range. The CORE 4 range products cover all main types of machining. FUCHS produce specific products for all applications, however the CORE 4 range offer excellent products in a concise fashion.

**ECOCOOL
xDURANT
20(A)**

**RATAK
MSN 135 S**

**ECOCOOL 700
NBF (M)**

**ECOCUT HSG
915 LE-OPEL**

Metalworking Fluids

WATER MISCIBLE CUTTING FLUIDS

In manufacturing today, the demands made on cutting fluids have increased enormously. As part of the Industry 4.0 concept, the entire added-value chain of people, machines, logistics and cutting fluids should be interlinked and optimised. With the help of advanced IT and communication technologies a largely self-organising production can be achieved. For this, cutting fluid measurement data must be accessible online to allow evaluation and corresponding adjustments made. For measured data to be accurately analysed, high stability cutting fluids are essential.



ECOCOOL 700 NBF (M)

Product No. 3282

A "low foaming" biostatic cutting fluid for use on all metals and applications.

ECOCOOL 700 NBF (M) is especially well suited to applications where clarity and foam control are critical, forming a clear translucent solution in water, free from chlorine, nitrites and phenols. ECOCOOL 700 NBF (M) is suitable for the machining of all ferrous and non-ferrous metals, from general to arduous machining applications.

ECOCOOL DURANT 20 (A)

Product No. 1891

A high performance, semi-synthetic cutting fluid.

ECOCOOL DURANT 20 (A) is suitable for applications such as broaching, gear hobbing, tapping and other general machining operations. It is recommended for the machining of high alloy steels, stainless steel, cast iron and aluminium. ECOCOOL DURANT 20 (A) offers high levels of lubricity, and provides long term resistance to bacterial growth resulting in lower disposal costs and greater machine efficiency. Note: may suffer corrosion upon welding if not cleaned.

ECOCOOL 420

Product No. 1347

A milky, highly stable cutting fluid containing extreme pressure additives.

ECOCOOL 420 is readily miscible with both hard and soft waters to produce an extreme pressure cutting fluid coolant suitable for a range of arduous machining operations. ECOCOOL 420 is suitable for a wide range of applications and materials, including alloy steels, free machining steel and aluminium alloys. It is also suitable for use with brass and copper.

ECOCOOL 400

Product No. 2058

A high quality, general purpose milky cutting fluid.

ECOCOOL 400 is a dense milky soluble cutting fluid, for general machining operation on free machining steels, aluminium, copper alloys (including brass and bronze) and cast iron. ECOCOOL 400 is pleasant smelling and contains good bio-chemical and fungal resistant properties.

ECOCOOL 9022

Product No. 1897

A high performance, semi-synthetic cutting fluid.

ECOCOOL 9022 is suitable for a range of applications, from grinding of ferrous and non-ferrous alloys to drilling, tapping and general machining of steel, aluminium and aluminium alloys. ECOCOOL 9022 has an exceptionally high resistance to bacterial and fungal contaminations, and a mild odour provides a pleasant working environment. ECOCOOL 9022 contains no nitrites or phenols, and is a low foaming highly stable emulsion.

ECOCOOL S 761 B

Product No. 4420

A heavy-duty, silicone-free cutting fluid.

ECOCOOL S 761 B is a high performance fluid recommended for cutting, grinding, drilling, tapping, broaching, milling, reaming, honing and sawing operations. ECOCOOL S 761 B is extremely low foaming, and protects tools in roll-form tapping and reaming on various grades of wrought aluminium, cast aluminium, steel, stainless steel, titanium and inconel. Ecocool S 761 B is also approved for use by Boeing.

ECOCOOL 610

Product No. 1503

A synthetic, transparent cutting fluid.

ECOCOOL 610 is recommended for most grinding operations, and will provide a high surface finish on mild steel, high tensile steel and cast iron. ECOCOOL 610 is nitrite and phenol free, and has excellent corrosion resistance, and is transparent to allow for close inspection of grinding operations.

ECOCOOL SYN 7045 TF

Product No. 4237

A premium, synthetic fluid for the Tube Forming and Roll Grinding industries.

ECOCOOL SYN 7045 TF is a synthetic, oil-rejecting tube forming fluid, suitable for tube forming applications on all ferrous metals including those on cold and hot rolled sheet steel, cold rolled P&O and stainless steels. ECOCOOL SYN 7045 TF has outstanding bio-resistance for an extended bath life, and works well in systems with little or no filtration.

ECOCOOL S-CO5

Product No. 2569

A water-soluble, mineral oil-free cutting fluid.

ECOCOOL S-CO5 forms a transparent, clear solution when mixed with water. It is especially developed for the grinding of tungsten carbides where cobalt solubility has to be avoided.

Metalworking Fluids

NEAT CUTTING FLUIDS

The correct cutting fluids provide the very highest machining performance and outstanding surface finishes. However, their performance is also influenced by their compatibility with the other machine lubricants used. Perfectly matched lubricants therefore make a significant contribution to optimum machining results.

ECOCUT 3030

Product No. 2074

A medium duty, straight cutting oil.

ECOCUT 3030 has been designed for use in modern CNC lathes and machining centres, and is also able to be used in capstan and turret lathes. The low viscosity of ECOCUT 3030 reduces top-up due to less drag out, and enables faster swarf precipitation in recirculating systems.

ECOCUT 3070

Product No. 2072

A medium duty, straight cutting oil.

ECOCUT 3070 is suitable for machining operations such as tapping, threading, gear cutting and broaching of all steels including alloy and stainless steels.

ECOCUT 21 S

Product No. 1353

A superior cutting oil for severe metal working operations.

ECOCUT 21 S is suitable for machining high alloy, stainless and mild steel and is primarily designed for severe metal working operations. ECOCUT 21 S is chlorine-free, contains EP additives and is suitable for threading and machining of high tensile alloy steels, and can be used for broaching, tapping, boring, gear cutting, drilling and milling.

ECOCUT HFN 4

Product No. 1502

A honing fluid for cast iron, alloy steel and aluminium.

ECOCUT HFN 4 utilises a combination of highly refined base fluids and surface active lubricants and is suitable for honing cast iron and aluminium. ECOCUT HFN 4 is also suitable for light grinding of cast iron, steel, aluminium, copper and its alloys. The use of highly refined components minimises build up on honing stones and operating life is further extended by performance anti-wear additives.

ECOCUT HSG 915LE-OPEL

Product No. 1360

Low misting neat cutting and grinding fluid.

ECOCUT HSG 915LE-OPEL is recommended for machining steel and non-ferrous materials. The LE (Low Evaporation) component provides excellent anti-mist properties and outstanding low evaporation during use. It is recommended for central systems and singly filled machines. It is able to be used on all belt type filter systems known for machine tools.

ELECTROCUT 5

Product No. 1370

A low viscosity, dielectric fluid.

ELECTROCUT 5 is a clear, low viscosity dielectric fluid with a high flash point, which reduces the fire hazard. It is free of carcinogenic materials, has no unpleasant odour and due to its low viscosity and surface tension, has minimal drag-out.

RATAK 4330

Product No. 1354

A light viscosity general purpose cutting fluid.

RATAK 4330 is a user friendly, neat cutting fluid offering a clear appearance without the typical strong odour of a compounded product. RATAK 4330 is suited for multi-spindle, index and automatic lathes where the oil must prevent cutting tip welding, remove heat and also provide lathe lubrication.

RATAK 4370

Product No. 1355

A medium viscosity extreme pressure cutting fluid.

RATAK 4370 is a user friendly, neat cutting fluid offering a clear appearance without the typical strong odour of a compounded product. RATAK 4370 is ideally suited for difficult machining operations such as gear cutting and hobbing, thread cutting and rolling, broaching, tapping and general machining.

RATAK 40 S

Product No. 1579

A high performance new generation cutting fluid.

RATAK 40 S is ideally suited for the machining of high tensile steel, mild steel, aluminium and aluminium alloys. RATAK 40 S is low misting and fuming thereby improving working environments.

RATAK MSN 135 S

Product No. 1895

A low viscosity cutting fluid for gun and deep hole drilling operations.

RATAK MSN 135 S was specifically developed to enhance the finish and increase the speed of deep hole and gun drilling operations. RATAK MSN 135 S is suitable for milling, tapping, thread cutting and rolling operations and is the premium choice for broaching and gear cutting or where close tolerance components are required. Note: may stain yellow metals and suffer corrosion upon welding if not cleaned.

RATAK MEP 19

Product No. 1893

A high performance, multi-functional cutting fluid.

RATAK MEP 19 is suitable for machining of stainless steels, alloyed steels and many grades of aluminium. RATAK MEP 19 offers a non-hazardous and easily removed lubricant for heavy forming and drawing operations, and can also be used in general and heavy machining applications, including deep hole drilling, steel bending and deep drawing.

Forming & Drawing

FUCHS Lubricants offer a range of high quality metal forming fluids, specifically developed for lubrication and cooling in metal bending, stretching and shaping processes. From basic drawing compounds which are formulated for use in a wide range of applications, through to fortified products with extreme pressure additives, FUCHS can provide a perfectly matched lubrication product for your needs to help achieve quality metal forming results.

RENOFORM 42

Product No. 1939

A heavily compounded, high viscosity drawing lubricant.

RENOFORM 42 has been formulated to offer maximum film strength and provide full fluid film protection for severe operations. RENOFORM 42 will improve dye life, reduce galling and minimise the potential for scoring or scratching in the fine blanking, heavy stamping and forming of high alloy and stainless steels.

RENOFORM EV-3

Product No. 3021

Evaporative, chlorine-free, odourless stamping fluid.

RENOFORM EV-3 is a low viscosity, evaporative forming lubricant based on chlorine free extreme pressure and lubricity additives. RENOFORM EV-3 is suitable for stamping, forming and blanking operations, particularly where minimal oil residue is acceptable on manufactured components. RENOFORM EV-3 is suitable for use on most metals including steel, galvanised steel, aluminium, copper and its alloys. Typical applications include fin forming on aluminium, medium duty forming and stamping operations on steels up to 2mm thickness. RENOFORM EV-3 can be applied by drip roller or spray applicator system.

RENOCLEAN MW

Product No. 2466

Roll forming lubricant for galvanised and painted steel sheet.

RENOCLEAN MW is an oil-free, petroleum-derived fluid of high purity developed for roll forming galvanised and painted steel sheets. RENOCLEAN MW exhibits a mild lemon odour and a high flash point, characteristics that assure a safe working environment. RENOCLEAN MW has a narrow, high boiling range, which ensures the lubricating film remains in place to protect the strip throughout the rolling process. RENOCLEAN MW leaves very little or no residue on the formed surface.

STRATEX 2107

Product No. 2066

Non flammable, evaporative stamping and honing fluid.

STRATEX 2107 is a heavily compounded cutting and stamping oil designed to minimise residual films on manufactured components. Specifically developed for heavier stamping operations, STRATEX 2107 will provide an improved level of lubrication and extended tool and die life on both aluminium and steel. Matching and honing of cast iron, free machining steel, aluminium and copper can be performed with STRATEX 2107. The low viscosity and sulphurised EP additive package ensure excellent surface finish and maintain economical operation by providing superior cooling with minimal drag-out.

DB 120

Product No. 1279

Heavy duty non-pigmented water dispersable drawing compound. Suitable for use on ferrous and non-ferrous metals.

DB 120 is a heavy duty non-pigmented water dispersable compound designed for use in the enamelling industry. It is completely saponifiable and is widely used in the appliance industry. Suitable for use of steel and non-ferrous metals. DB 120 is also a fully biodegradable compound.

DB 8002

Product No. 1280

A non-pigmented, heavy duty, extreme pressure drawing compound with special heat resistant properties.

DB 8002 is water dispersible and is used on hot and cold rolled steels, stainless steel and aluminium. DB 8002 possesses high anti-scoring properties. The residual film dries but does not harden.

9643 ECODRAW

Product No. 2318

Water washable drawing oil.

9643 ECODRAW offers an effective and easily removed lubricant for moderate to heavy duty forming operations on ferrous materials. The high level of extreme pressure and antiwear additive agents provides optimal protection for dies and parts, ensuring maximum die life. 9643 ECODRAW contains specially selected low foaming emulsifiers, to assist in removal after use, and ensure minimal effect on foaming characteristics of alkaline wash systems.

RENOFORM 9723L

Product No. 1941

A non-pigmented chlorine free drawing compound for ferrous and non-ferrous metals.

RENOFORM 9723 L is a non-pigmented chlorine free drawing compound containing special additives, giving excellent protection against corrosion. The concentrate is sprayable.

RENOFORM CMPD 2279

Product No. 4728

RENOFORM CMPD 2279 is a forming lubricant specifically developed for the manufacture of light gauge aluminium food containers.

RENOFORM CMPD 2279 is most often used one of two ways. The product can be applied to aluminium coil stock at the aluminium mill to pre-lubricate the coils that are eventually used in the manufacture of food containers.

Slideway Oils

The slideways for moving supports and workpiece holders are among the most important elements in the flux of forces of a machine tool. The dimensional accuracy and surface finish of the workpieces to be processed are highly dependent on the stick-slip-free operations of the slideways and guide systems. A particularly important factor in achieving optimum accuracy here is the applied slideway oil.

RENEP slideway oils are highly compatible with metal working fluids and cutting oils and guarantee a high level of machine availability and wear protection.

RENEP CGLP SERIES

Product No. 68T - 2557 / 220T - 2558

A stable lubricating, low coefficient slideway oil.

The RENE CGLP SERIES of slideway oils are designed to reduce the power consumption during slideway start-ups and feed situations, and provide a stable adhesive lubricating film. The RENE CGLP SERIES of oils contain surface-active substances which improve the coefficient of friction, avoiding stick-slip. The product has excellent extreme pressure properties and corrosion protection for steel and non-ferrous metals. The RENE CGLP SERIES of oils have good demulsification properties, offering optimum compatibility with water miscible cutting fluids.



Corrosion Protection

The FUCHS range of ANTICORIT corrosion preventative products are not only economical, they are designed with 'ease of use' in mind. The ANTICORIT range is available in a comprehensive product portfolio for virtually all corrosion protection requirements.

ANTICORIT BW 366

Product No. 1106

A highly concentrated corrosion preventative fluid especially suited to protecting metal components and machinery for long periods of time.

The waxy residual film produced by ANTICORIT BW 366 is suitable for protection of press dies, casting moulds, machinery, spare parts, tools, machined parts, etc. It is also suitable for use as an underseal protectant and panel deadener for motor vehicles. The residual film has self-healing properties and excellent salt spray resistance. This ensures maximum protection of machinery and components that are treated with ANTICORIT BW 366.

ANTICORIT DFO

Product No. 1111

A specialised corrosion inhibitor with dewatering properties suitable for short to medium term corrosion protection.

ANTICORIT DFO contains a unique combination of proprietary components, which rapidly penetrate and displace moisture from metal surfaces to provide a strongly adhered corrosion resistant film. The combination of selective wetting agents and film forming inhibitors are ideal for applications, which have been machined with water miscible fluids, electroplated or phosphated. Typical applications include surface protection of small mass produced components such as turntables of automatic machines, razor blades and precision measuring equipment.

ANTICORIT DFW

Product No. 1113

A specialised corrosion inhibitor with dewatering properties suitable for long term protection during storage and transport.

ANTICORIT DFW contains a combination of film forming and dewatering agents, which ensure rapid water displacement to produce a thin dry wax coating. The light film formed maximises protection from corrosive atmospheres and provides long-term water resistance. ANTICORIT DFW does not attract dust. ANTICORIT DFW is suitable for components, which have been machined with water miscible fluids and require long-term storage prior to further use. Exposed surfaces of plant and equipment, which have been decommissioned for extended periods can be protected by application of ANTICORIT DFW. Maximum internal and cavity protection will be assured by the penetrating nature of the product. ANTICORIT DFW is also suitable for protection during transportation.

ANTICORIT RP 4107 LV

Product No. 4358

Corrosion prevention / washing oil.

ANTICORIT RP 4107 LV is a corrosion prevention oil with reduced run-off properties and a low viscosity that is suitable for use in a wide range of applications. ANTICORIT RP 4107 LV ensures superior durability during shed storage both in condensation altering climates and acidic environments. This superb corrosion protection is suitable for all kind of cold-rolled surfaces like electrolytically galvanised, hot-dip galvanised, prephosphated or microphosphated. ANTICORIT RP 4107 LV is increasingly used in the preservation of CKD parts for dispatch and in the long term preservation of engines, engines components and blank car body parts. ANTICORIT RP 4107 LV has good forming properties and can easily be removed using aqueous neutral or alkaline cleaners. Since it is thixotropic, ANTICORIT RP 4107 LV has only low run-off properties.

ANTICORIT VCI UNI 0-40

Product No. 2925

A rust preventive oil with unique properties.

ANTICORIT VCI UNI 0-40 is a rust-preventive oil with unique properties. It contains built in VCI inhibitors. In a closed system it therefore sets free the protective VCI-vapours over a long period of time. It is the ideal rust preventive for fuel tanks, gearboxes and similar "closed systems". ANTICORIT VCI UNI 0-40 protects iron, steel, copper, brass, bronze and other metals without direct contact with the metal surface by the vapour phase. For each m³ of void space to be protected, only 0.3 – 0.4 litres (300 - 400 mL) of ANTICORIT VCI UNI 0-40 is needed.

ANTICORIT RPS 6201

Product No. 4592

ANTICORIT RPS 6201 contains an aromatic-free white spirit and is ready-to-use 15% solution of our newly developed, barium-free corrosion preventative, ANTICORIT RPS 5000.

ANTICORIT RPS 6201 offers an excellent corrosion protection for ferrous, nonferrous and metal combinations. Its high viscous, oily protection film is non-resinating and stable against acid and alkaline contaminations.



Concrete Mould Release Agents

Whether lubricants are for vehicles, construction machinery and equipment, engines, gear, or hydraulic oils for various fields of application in the construction industry – FUCHS provides the suitable lubricant from one single source. A wide range of concrete and asphalt release agents is also available for structural and civil engineering, precast plants and road construction. Whatever lubricant or release agent you select, the benefits always pay off – day after day.

SOK WAX No. 1

Product No. 3880

A concrete parting agent for use in civil engineering and precast plants.

SOK WAX No. 1 is a pasty parting agent which is suitable for all formwork eg wood, plastic-lined wooden materials, steel etc.

SOK 128

Product No. 3740

A concrete parting agent which is suitable for all absorbent and non-absorbent formwork.

SOK 128 is a concrete release agent which is suitable for all absorbent and non-absorbent formwork. The aromatic compounds in the contained solvent have been extracted to a great degree which has a positive effect on the formation of odours. SOK 128 is suitable for all formwork, eg planed wooden formwork, steel formwork, film- and plastic-lined panels, polysulphide matrixes, and ABS-lined systems.

PLANTOMOULD 3S

Product No. 2566

Rapidly biodegradable concrete release oil for the precast concrete industry.

PLANTOMOULD 3S has been formulated to reduce the effects of concrete pitting. In most cases it will have no adverse effect on curing agents, paints and applied plaster. Considerable quantities of mould release oils pollute the environment, PLANTOMOULD 3S has been formulated to minimise any adverse environmental effect and is designed to be operator friendly, readily biodegradable and an ecologically sound alternative to mineral oil based mould release agents.

PLANTOMOULD 3T

Product No. 3424

Biodegradable mould release oil for decorative concrete, precast concrete sections and concrete sleepers. Formulated to minimise any adverse environmental effect. Operator friendly, readily biodegradable.

Considerable quantities of mould release oils pollute the environment when decorative concrete, pre-cast concrete sections and concrete sleepers are cast. PLANTOMOULD 3T is based on environmentally responsible raw materials, presenting an ecologically sound alternative to mineral oil based mould release agents. PLANTOMOULD 3T is readily biodegradable.

PLANTOMOULD RTC

Product No. 3354

Biodegradable mould release lubricant particularly suitable for concrete tiles and precast concrete slabs.

PLANTOMOULD RTC is a readily biodegradable concrete release agent suitable for use in concrete tiles, pre-cast and pipe spinning applications.

MOULD OIL 9

Product No. 1645

Easy release mould oils for concrete fabrication and clay moulding.

MOULD OIL 9 is based on a combination of hydrocarbon base stock with release agents to enable formwork to break cleanly from concrete and produce a smooth surface.

MOULD OIL 9 is designed for use as a general-purpose release agent in a wide variety of concrete moulding operations including the manufacture of concrete panels, pavers, flagstones, railway sleepers, fence posts, lintels and particularly pre-cast concrete sections.

MOULD OIL 9 is suitable for use on large horizontal areas where the moulds are made of metal or fibreglass. The product has also been used in the production of concrete manhole covers and surrounds, garage sections and decorative wall blocks.



Industrial Gear Oils

The demands placed on transmission oils have grown sharply. Further developments in the field of drive technology usually result in an increase in the power density of components: greater performance must be transmitted in ever shorter times. At the same time, the components and gear units are becoming ever smaller and more compact.

As one of the most important and complex machine elements, the transmission oil must cope with these changed conditions and requirements. RENOLIN transmission oils meet and exceed the requirements laid down by well-known global gear manufacturers.

RENOLIN UNISYN CLP SERIES

Product No. VG 32- 2426 / VG 68 - 2439 / VG 150 - 4418
VG 220 - 1916 / VG 320 - 1917 / VG 460 - 3292 / VG 680 - 3997

Fully Synthetic Polyalphaolefin High Performance EP/AW Industrial Gear and Lubricating Oils.

Designed for use in industrial gearboxes and general lubrication systems subject to high temperatures, RENOLIN UNISYN CLP Series oils are fully synthetic lubricants based on polyalphaolefins. RENOLIN UNISYN CLP Series oils lower friction and reduce wear. Furthermore, these oils increase the efficiency of machine components. Polyalphaolefins, and thus RENOLIN UNISYN CLP Series oils, are miscible and compatible with mineral oils at all ratios and can be disposed of as such. The compatibility of polyalphaolefins with common machinery materials, seals and paint finishes is comparable with that of mineral oils. Changing-over to RENOLIN UNISYN CLP Series is therefore very simple and requires no prior flushing. Depending on the application, a number or viscosity grades can be satisfied by a single RENOLIN UNISYN CLP Series oil. This allows users to rationalise stocks and cut costs. RENOLIN UNISYN CLP Series oils can be classified as CLP (DIN 51 517-3) and CKC (ISO 6743-6) lubricating oils.

SPECIFICATIONS

DIN 51 517-3: CLP
ISO 6743-6 & ISO 12925-1: CKC/CKD/CKE
AGMA 9005/E02:EP
AIST 224
David Brown S1 53.101
FAG Requirements: FAG-FE8-Test: stage 1-4 pass
SKF requirements: pass (100°C-test)

RENOLIN CLPF SUPER SERIES

Product No. VG 320 - 4723 / VG 680 - 4725 / VG 1500 - 4317

EP industrial gear oils containing MoS₂ (molybdenum disulphide) with extremely high load carrying capacity and excellent wear protection.

The RENOLIN CLPF SUPER SERIES oils are industrial gear oils which combine the properties of chemical anti-wear additives (phosphorus-sulphur chemistry) with physically active anti-wear layers (molybdenum disulphide - MoS₂). The synergistic effect of phosphorus-sulphur additives of the latest generation with MoS₂ guarantees highest anti-wear performance and extremely high load carrying capacity. The physically active layers of MoS₂ guarantee excellent lubricity at low temperature over a wide range of working conditions. The RENOLIN CLPF SUPER SERIES oils offer excellent ageing stability and very good corrosion protection. The MoS₂ as solid lubricant ensures reliable wear protection even under shock loads and unfavourable operating conditions. The MoS₂ dampens vibrations and noise. Smoothing of previously-damaged tooth flanks in gear sets is observed. The solid lubricant MoS₂ can also increase the load carrying capacity by smoothing damaged surfaces (increase of the specific surface). Selected detergent / dispersant components dissolve the solid lubricant stable in the base oil and guarantees excellent wetting of metal surfaces in practice. Therefore the phosphorus-sulphur as well as the MoS₂ components can ensure the anti-wear / extreme pressure performance.

SPECIFICATIONS

DIN 51 517-3: CLP
ISO 6743-6 and ISO 12925-1: CKC / CKD
AGMA 9005/E02: EP

RENOLIN CLP SERIES

Product No. VG 68 - 1926 / VG 100 - 1918 / VG 150 - 1920 / VG 220 - 1921 / VG 320 - 1924 / VG 460 - 1925 / VG 680 - 2456

High-Performance EP/AW Industrial Gear Oils.

Gearboxes designed for the transfer of power or torque can only perform effectively when excessive wear which can occur at high or fluctuating loads, particularly around the reference circle, is avoided. The life of a gearbox depends on the correct selection of the most suitable lubricating oil. The principal function of a gear oil is not just to lubricate bearings and the gears themselves, i.e. to reduce friction and avoid wear but also to provide protection against corrosion, to cool and to seal. The RENOLIN CLP Series of gear oils contain carefully selected base oil and matched additives to protect machinery from undue wear in especially critical boundary friction conditions. RENOLIN CLP products fulfill and in many cases exceed all CLP lubricating oil requirements as defined in DIN 51 517-3 and ISO 6743-6.

SPECIFICATIONS

DIN 51 517-3:CLP
ISO 6743-6:CKC
ISO 12925-1: CKC
AISE 224
AGMA 9005/D94
David Brown S1 53.101

RENOLIN CLP PLUS SERIES

Product No. VG 220 - 4647 / VG 320 - 4699 / VG 460 - 4703

Long-term approved special gear oil with extremely high ageing stability and excellent detergency (DD) - self-cleaning oil.

Special lubricants are designed to solve problems and to guarantee trouble-free working at severe ambient conditions. RENOLIN CLP PLUS is a special industrial gear oil based on high-quality base oils and synergistically acting additives to improve ageing resistance, load-carrying capacity and wear protection.

SPECIFICATIONS

- DIN 51 517-3: CLP
- ISO 6743-6 & ISO 12925-1:CKC/CKD
- AGMA 9005/E02:EP

RENOLIN MORGEAR SERIES

Product No. VG 100 - 4098 / VG 150 - 4678 / VG 220 - 4099 / VG 460 - 3304 / VG 680 - 4061

High performance lubrication/circulating oils for Morgan Bearings.

The special products of the RENOLIN MORGEAR SERIES were developed to fulfil the requirements of MORGOIL® bearings which are in use in equipment of the steel industry. RENOLIN MORGEAR SERIES products are based on special highly refined mineral oils. Carefully selected additives improve the oxidation stability, the corrosion protection and the wear protection. The products of the RENOLIN MORGEAR SERIES offer excellent demulsibility, separate rapidly from water, air or other contaminants.

SPECIFICATIONS

DANIELI, Italy 2000
ISO 6743-6 & ISO 12925-1:CKB
SMS (Germany 01/2009)

IGL-9 SERIES

Product No. 680 - 4226 / 1300 - 2742

Premium lubricant for enclosed gearcases in heavy-duty applications.

The IGL 9 SERIES of gear lubricants was designed for use in heavy-duty enclosed gear cases commonly found within mining and heavy industrial machinery. IGL 9 SERIES is manufactured from selected base oils compounded with extreme pressure additives, which contain borate solid lubricants, sulfur/phosphorus EP additives, corrosion inhibitors and oxidation inhibitors. The IGL 9 SERIES product group is formulated using a unique antiwear / anticorrosion / extreme pressure additive treatment that is very different from conventional enclosed gear lubricants. It was designed specifically to combat the problems associated with large enclosed gears and bearings. Due to its unique solids package, IGL 9 SERIES products perform in temperatures exceeding normal operating temperatures. This high temperature performance characteristic offers the added protection against undue wear, lubricant oxidation and power consumption. Developed using high VI mineral oils, the IGL 9 SERIES range will extend the life of the lubricant up to 400% over conventional products. This excellent performance in gear cases where oxidation and wear rates have been a problem has been proven.



Hydraulic Oils

Hydraulics concerns the transmission of energy and signals through fluids. For this purpose, mineral oil-based pressure fluids, synthetic fluids and fire-resistant fluids are deployed in hydraulically-driven machines and systems.

Hydraulic components are fitted in a wide range of equipment, including machines for agriculture and construction, materials handling, foodstuffs and packaging, wood working and tool manufacturing. Vehicle manufacturing, ship building, iron and steel engineering, rolling mill technology, the aerospace sector, medical technology, environmental technology and chemistry are among the industries supplied.

RENOLIN B HVI PLUS RANGE

Product No. VG 32 - 1695 / VG 46 - 1696 / VG 68 - 1697 / VG 100 - 2508 / VG 150 - 3153

High performance hydraulic oil series with a high viscosity index that reduces energy consumption.

Protects against wear and maintains designed viscosity under a wider operating temperature range.

SPECIFICATIONS

Bosch Rexroth
Cincinnati Milacron
Denison HFO
DIN 51 524-3, HVLP
ISO 6743-4, HV
US Steel
Vickers

RENOLIN B PLUS RANGE

Product No. VG 32 - 1666 / VG 46 - 1667 / VG 68 - 1668 / VG 100 - 1663

The Renolin B Plus Range is a series of high quality HLP hydraulic oils and CLP Lubricating Oils.

RENOLIN B series of oils improve resistance to ageing increase service life. They provides extended greasing intervals whilst improving wear & corrosion protection as well as oxidation resistance.

SPECIFICATIONS

AFNOR E48-603
Cincinnati Milacron P-68, P-69, P-70
Denison HF-1, HF-2, HF-0
Ford M-6C32
Racine, variable volume vane pumps
US Steel 126,127
VICKERS I 286-S, M 2950-S

RENOLIN ZAF SERIES

Product No. VG 5 - 1687 / VG 10 - 1670 / VG 22 - 1675 / VG 32 - 1678 / VG 46 - 1682 / VG 68 - 1688
VG 100 - 1671 / VG 150 - 1673 / VG 220 - 1676 / VG 320 - 1680 / VG 460 - 1684 / VG 680 - 1690

Premium zinc and ash free hydraulic oil.

Zinc-free hydraulic oils have steadily gained popularity over the last few years. In many cases, the use of a zinc-free hydraulic oil is a must, especially in machine tools where hydraulic fluids can contaminate metalworking fluids. RENOLIN ZAF SERIES hydraulic oils are zinc and ash-free HLP hydraulic oils complying with DIN 51 524-2.

PLANTOHYD SERIES

Product No. VG 46 - 2877 / VG 68 # 1804

Biodegradable hydraulic fluids classified as HETG fluids (ISO/CD 6743-4).

The PLANTOHYD SERIES of hydraulic fluids are environmentally harmless, and will float on water and is therefore easily retrieved by skimming. The PLANTOHYD SERIES of oils have been proven in areas such as earthmoving equipment, industrial installations and agricultural machinery. Its exceptionally high viscosity index characteristics ensure it can be safely used to lubricate and protect in all hydraulic applications.

HYDROTHERM 46 M

Product No. 3382

Fire resistant, Group HFC hydraulic oil.

Fire resistant, group HFC hydraulic fluid according to DIN 51 502, aqueous polymer solution containing up to 50% water. HYDROTHERM 46 M fulfills the requirements of the 7th Luxembourg Report, is biodegradable and free of nitrite and mono-ethyleneglycol.

FOSFOCENT 600

Product No. 1461

Fire resistant hydraulic fluid, type HFDR.

FOSFOCENT 600 is a fire resistant phosphate ester lubricant classified by the International Organisation for Standardisation and included in the ECSC 7th Luxembourg Report as a HFDR fluid. FOSFOCENT 600 passes the requirements of the spray and wick tests of British Coal Specification No 570/1981. The excellent lubricity and stability characteristics displayed by FOSFOCENT 600 when applied correctly will provide long life with minimum fluid maintenance.

PLANTOFLUX-AT SERIES

Product No. 46-S - 2386 / 68-S - 2132

Synthetic, fire-resistant hydraulic fluid based on organic esters, type HFDU, rapidly biodegradable.

PLANTOFLUX-AT SERIES are fire resistant hydraulic fluids with self-extinguishing properties. PLANTOFLUX-AT SERIES are synthetic fluids formulated with organic esters and specifically selected additives. They do not contain mineral oils and are free from toxic and unpleasant smelling decomposition products. PLANTOFLUX SERIES have a higher flash and combustion point than traditional, mineral-oil based hydraulic oils and are specifically designed to reduce the risk of violent explosion when in contact with open flames or hot metal surfaces. The high viscosity index, constant all the time, provides good lubrication performance in an extremely wide operating temperature range. PLANTOFLUX-AT SERIES offer high oxidation and ageing resistance, excellent corrosion protection and anti-wear properties, low foaming tendency, rapid water separation and consequently reduction of water and oil sludge. PLANTOFLUX-AT SERIES are non-toxic, biodegradable over 90% according to CEC-L-33-A93 and not included in the CEC list of hazardous products subject to labelling. PLANTOFLUX-AT SERIES also has excellent biodegradation of > 60% according to OECE 301B.

SPECIFICATIONS

HFDU fluid according to DIN 51502, based on synthetic esters

RENOLIN MR SERIES

Product No. MR 15 - 1951 / MR 20 - 1952

Multipurpose lubricating oil for bearings, gearboxes and hydraulics systems.

The products of the RENOLIN MR SERIES are special HLP-D lubricating and hydraulic fluids according to DIN 51 502 with excellent corrosion protection, outstanding contaminant-removing and transportation properties (detergent/dispersant properties). RENOLIN MR SERIES contains zinc and is used as a problem solver in hydraulic systems where standard oils fail.



Compressor Oils

Because short service lives or failures can lead to downtimes, use of the right lubricant is a prerequisite for the safe and economical operation of plants. Over the last few years compressed air systems have been optimised, leading to tougher requirements being set in terms of modern air compressor lubricants.

In order to reliably meet these demands, FUCHS has developed a special range of RENOLIN air compressor lubricants and subjected them to stringent practical tests. RENOLIN air compressor oils guarantee seamless operation, high service lives, a low depositing tendency, and the highest level of technical performance.

RENOLIN SYNAIR 46

Product No. 4328

A high performance synthetic air compressor fluid.

RENOLIN SYNAIR 46 is suitable for applications in rotary screw air compressors, and guarantees long oil drain intervals, interruption-free operation, optimum performance of the oil separator, good air release properties and low foaming in oil-injected screw compressors. RENOLIN SYNAIR 46 is recommended for use in flooded or air-injected screw air compressors, and for applications at high temperatures to reduce oil-related residues, varnish and sludge. RENOLIN SYNAIR 46 demonstrates excellent "clean system performance" and low foaming, long-life lubrication properties.

RENAIR SERIES

Product No. VG 32 - 1909 / VG 46 - 1910 / VG 68 - 1911 / VG 100 - 1907 / VG 150 - 1908

A high performance synthetic air compressor fluid.

RENOLIN SYNAIR 46 is suitable for applications in rotary screw air compressors, and guarantees long oil drain intervals, interruption-free operation, optimum performance of the oil separator, good air release properties and low foaming in oil-injected screw compressors. RENOLIN SYNAIR 46 is recommended for use in flooded or air-injected screw air compressors, and for applications at high temperatures to reduce oil-related residues, varnish and sludge. RENOLIN SYNAIR 46 demonstrates excellent "clean system performance" and low foaming, long-life lubrication properties.

VACUUM PUMP OIL

Product No. 2222

Lubricant for positive displacement pumps.

A high quality vacuum pump oil formulated from low volatility paraffinic basestock designed for use in positive displacement vacuum pumps such as reciprocating, vane and screw types operating under vacuum with non-aggressive gases. Suitable for vacuums between 1 and 10×10^{-3} mm Hg.

RENOLIN 504 VDL 100

Product No. 4554

Used in air compressors and compressors working with hydrocarbon gas eg. natural gas (different composition), propane, propen and process gas.

RENOLIN 504 VDL 100 is an air compressor oil for piston and rotation compressors according to DIN 51 506 Type VDL.

RENOLIN SE 100

Product No. 4555

A synthetic compressor lubricant based on advanced synthetic ester technology and containing a synergistic blend of anti-wear, anti-corrosion and anti-oxidant additives to enhance performance.

RENOLIN SE 100 is suitable for use in reciprocating and vane compressors dependent upon viscosity requirements of the compressor. The fluid is miscible with mineral oils, although residual mineral oil in the system will degrade the performance of RENOLIN SE 100.

RENOLIN COOL +

Product No. 4635

New generation air compressor fluid for oil-injected screw compressors.

RENOLIN COOL + is recommended for use in flooded or oil injection screw-type air compressors and should always be used if mineral oil-based products are found to display insufficient thermal stability or poor viscosity-temperature behaviour.

The use of RENOLIN COOL + is especially recommended in unfavourable conditions and at high temperatures in which other oils fail because of the formation of coke. This fluid is also recommended for compressors which are subject to extreme loads.

RENOLIN UNISYN OL SERIES

Product No. VG 46 - 4619 / VG 68 - 4677 / VG 150 # 4714

Synthetic EP air compressor oil based on PAO, for screw, vane and piston compressors. High-performance synthetic PAO-based hydraulic fluid.

The RENOLIN UNISYN OL series was developed to meet the increased requirements of compressor manufactures on the service life of the compressor oils. Due to the function of compressors, intensive swirling of the cooling oil and air occurs. At high compression temperatures, the oils are subjected to a strong oxidative attack that accelerates aging.



Refrigeration Oils

Refrigeration oils assume a special position in the field of lubricants and lubricant technology. The long service life expected of refrigeration compressors is closely connected with the high quality requirements set for the lubricating oil. Its interaction with other substances, most notably with the refrigerant, at an extreme variance of high and low temperatures places very specific demands on the lubricating oil in the circuit.

RENISO refrigeration oils are ultra-dried and have a high degree of thermal and chemical stability. The raw materials used are of the highest quality and purity.

RENISO SYNTH 68

Product No. 4453

Refrigeration oil based on polyalphaolefins.

RENISO SYNTH 68 is based on polyalphaolefins. This synthetic refrigeration oil distinguishes itself with high thermal and chemical stability, good lubrication characteristics and an outstanding viscosity-temperature behaviour. RENISO SYNTH 68 is free of additives and fulfills requirements that could no longer be met with mineral oil-based refrigeration oils.

RENISO TRITON SEZ SERIES

Product No. SEZ 32 - 4585 / SEZ 100 - 4588

Synthetic refrigeration oils based on polyol esters (POE) for HFC/FC refrigerants.

RENISO TRITON SEZ SERIES are based on synthetic esters that were especially developed for use with chlorine-free, fluorinated hydrocarbons (HFC/FC). In contrast to conventional refrigeration oils, these are miscible and compatible with polar HFC/FC.

RENISO KA 60

Product No. 1928

Refrigeration oil based on highly refined naphthenic oil.

Refrigeration compressors present a unique challenge to the lubricant. It must lubricate moving parts, act as a heat transfer medium and provide a seal for the compression space and valves. To meet these demands, RENISO KA 60 refrigeration oil is based on highly refined grades of naphthenic oil with exceptional cold flow properties. RENISO KA 60 offers exceptional heat transfer properties to minimise overheating, full fluid film lubrication to ensure maximum protection of pistons and valves and resistance to thermal stress and carbonaceous deposits during high-pressure operation. Due to the controlled refining process, RENISO KA 60 resists thickening and offers resistance to chemical reaction. RENISO KA 60 is a highly refined dewaxed naphthenic oil recommended for ammonia refrigerant commonly used in large commercial cold storage.

RENISO KC 68

Product No. 4622

Highly refined, naphthenic selective raffinates that have been dewaxed especially for use at low temperatures.

RENISO K products are refrigeration oils according to DIN 51 503 KAA and K. RENISO KC 68 is a preferred refrigeration oil for use in compressors with R refrigerants when an ISO VG 68 is required. RENISO KC 68 displays good low-temperature behaviour and high thermal stability.

Quenching Oils



FUCHS is one of the World's most renowned lubricant manufacturers for all areas of metalworking, including machining, forming and hardening processes.

FUCHS Quenching oils are specifically formulated for controlled or rapid cooling of metals as part of a hardening, tempering or other heat-treating processes. Quenching oils serve two basic functions; to assist hardening of steel by controlling heat transfer during quenching, as well as enhancing wetting of steel during quenching to minimize the formation of undesirable thermal and transformational gradients which may lead to increased distortion and cracking.

SUPERQUENCH 1012

Product No. 2089

A highly specialised quenchant for steel.

SUPERQUENCH 1012 is a highly specialised quenchant for steel, as an alternative to a water quenchant. This reduces the possibility of distortion or cracking with only marginal reduction in the mechanical properties. SUPERQUENCH 1012 is manufactured from premium grades of solvent refined paraffinic mineral oils blended with an additive package to ensure consistent quenching characteristics and brighter "as-quenched" components.

SUPERQUENCH 1517W

Product No. 2091

A water washable quenchant ideally suited to bright quenching from vacuum furnaces.

SUPERQUENCH 1517W is formulated from highly refined narrow cut base fluids to maximise product life and prevent the formation of hazardous by-products. The additive package of SUPERQUENCH 1517W ensures maximum surface wetting and heat transfer during initial stages of the cooling curve and controls cooling rates during the critical martensitic stage. SUPERQUENCH 1517W is readily cleaned from components after quenching by rinsing with warm water. SUPERQUENCH 1517W is suitable for low alloy steels, tool and die steels, and the heat treatment of components manufactured by the spring and fastener industries.

ALLOYQUENCH 1921

Product No. 1067

A mineral oil based quenchant with controlled cooling characteristics.

ALLOYQUENCH 1921 is a mineral oil based quenching oil for a wide range of steels from low alloy constructional steel to high alloy tool and die steels. Controlled cooling characteristics of ALLOYQUENCH 1921 ensure maximum hardness with minimal distortion. The combination of premium base oils and additives result in brighter quenched components, which are then easier to clean.

PARQUENCH 90

Product No. 1748

A unique water-based polymer quenchant.

PARQUENCH 90 is a unique water-based polymer quenchant which is completely water soluble at all concentrations and temperatures. PARQUENCH 90 is non-flammable, non-toxic and provides desirable cooling characteristics, more reliable control in use, minimal environmental impact and better economy. PARQUENCH 90 differs from other polymer quenchant by exhibiting these desirable cooling characteristics in all three stages of quench.



Turbine Oils

As a result of the application of new technologies in power stations and the improvement in the efficiency of gas and steam turbines with ever higher performance, tougher requirements are also set regarding the performance of the lubricants used.

FUCHS has developed the RENOLIN ETERNA range of turbine oils in order to meet these demands for plants both with and without heavy-duty gears.

RENOLIN ETERNA products are the latest generation of low / no varnish turbine oils. They are composed on the basis of modern, highly stable base oils and are universally deployable.

RENOLIN ETERNA SERIES

Product No. VG 32 - 4220 / VG 46 - 4221 / VG 68 - 4233

High quality turbine oils - new generation.

RENOLIN ETERNA SERIES turbine oils were developed for gas, steam and expansion turbines as well as for turbo compressors with and without gearboxes based on the latest lubrication technology. The excellent properties of the base oils produced in a special process are enhanced using a carefully selected additive system. RENOLIN ETERNA SERIES oils contain no metallorganic compounds and are therefore ashless. They provide a zinc-free wear protection.

SPECIFICATIONS

DIN 51 515-1 (TD) with and without gearbox
DIN 51 515-2 (TG) with and without gearbox GE GEK 28568 A
GE GEK 32568 F
GE GEK 101941A
GE GEK 107395 A
Siemens TLV 901304
Solar ES 9-224 (Class I / Class II)
MIL-PRF - 17331 J



Greases

Lubricating greases are consistent lubricants made up of base oil and a specially chosen thickener. To increase certain properties, additives are added to the lubricating greases. Lubricating greases are structural elements, especially when used as long-life lubricants for lifetime lubrication. The balanced and complete product range of FUCHS lubricating greases offers you the ideal technical and economical solutions for the greatest possible number of lubricating grease applications.

RENOLIT CX-CVP 1

Product No. 4556

Premium high temperature CV-Joint grease.

RENOLIT CX-CVP 1 is a fully synthetic premium grease based on special lithium-/calcium complex soap. It is used as a life-time lubrication of homokinetic CV joints and is generally compatible with current boot materials. RENOLIT CX-CVP 1 was especially developed for highly loaded ball CV joints.

RENOLIT CXI 2

Product No. 4143

RENOLIT CXI 2 is an optimised calcium sulphonate complex grease based on selected mineral oils which has been developed to work under severe conditions in plain and roller bearings. It can be used in fixed and mobile equipment in the steel, paper and mining industries.

RENOLIT CXI 2 should be used for all lubrication points requiring a high performance concerning water resistance, working stability, EP and AW properties. It is easily pumpable and was developed to work under severe conditions in plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment.

RENOLIT EP X1

Product No. 4724

Heavy-duty gear coupling grease.

RENOLIT EP X1 is designed for, and particularly suited to, geared coupling applications where heavily loaded conditions exist and also finds use in slow-moving, heavily loaded bearing applications. The additive treatment and the high viscosity of the base oil helps to minimise the wear damage which results from bearing surfaces coming into direct contact with each other.

RENOLIT GP 3

Product No. 2837

General purpose grease for use in electric motor bearings and high speed applications.

RENOLIT GP3 grease is a lithium soap grease based on mineral oil featuring properties like temperature stability, water resistance and easy pumpability. As a multipurpose grease, RENOLIT GP 3 can be applied for the lubrication of roller bearings especially at elevated temperatures, water entry, or in humid environments, for excavators or any kind of earth moving machinery.

RENOLIT HDCE 2

Product No. 3824

A heavy duty extreme pressure grease specially formulated for mining, earthmoving and construction equipment operating under arduous conditions.

RENOLIT HDCE 2 is a heavy duty extreme pressure grease containing a high viscosity mineral oil, lithium thickener, special EP additive, rust and oxidation inhibitors and tackiness agent. Especially suited to applications where parts are subjected to oscillating movement, vibration and shock load. RENOLIT HDCE 2 is suited for mining and quarrying, heavy duty transport, chassis lubrication, construction equipment, heavy industrial, dredging equipment, agricultural and forestry.

RENOLIT HI TEMP 460

Product No. 4630

Synthetic special EP grease.

RENOLIT HI TEMP 460 is a fully synthetic special lubricant grease with lithium soap complex. Used for the lubrication of plain and roller bearings of conveyor gears, pellet presses, paper mills, and for lifetime lubrication in trucks and construction machines.

RENOLIT LXMO 2

Product No. 1958

Highly effective EP grease with good anti-wear properties.

RENOLIT LXMO 2 is recommended for the lubrication of all assemblies, controls and drives on vehicles such as CV joints and chassis lubrication points with high loads in the industrial and automotive industries.

RENOLIT MOREPLEX 2 HV

Product No. 1640

Heavy-duty grease fortified with solid lubricants for all applications under high and shock-loading.

RENOLIT MOREPLEX 2 HV has been specifically developed for heavy-duty industrial and mining applications, particularly where severe shock loading and extreme pressures are experienced. It provides a tough lubricating film which minimises metal-to-metal contact and therefore protects against expensive component failures. It can be used in plain bearings, highly loaded roller bearings, slides, pins and bushes, and in central lubrication systems. It is also suited as a chassis grease and for use in universal and ball joints.

URETHYN E/M 2

Product No. 3211

Semi-synthetic, high-temperature grease containing an organic thickener.

URETHYN E/M 2 is a homogeneous, soft, chlorine-free and unleaded high-temperature grease. It contains a special formula of mineral and ester oils as base oil. It is the ideal long-life grease for plain and roller bearings, electric motor bearings, textile machine bearings, ventilator bearings in drying kiln and furnaces, spindle bearings, chain conveyor belts, vibrating sieves, electric household goods, plastic and elastomers, gaskets and seals.

URETHYN MP 2

Product No. 2441

Mineral oil-based polyurea grease.

URETHYN MP 2 is a yellowish-brown, mineral oil-based grease with a homogeneous and soft structure. URETHYN MP 2 contains a polyurea thickener. It is a high temperature grease designed for plain and roller bearing applications for electric motor bearings, with very long grease intervals, low maintenance ventilator bearings, conveyor roller bearings in continuous casting plants, pump, ventilator and compressor bearings in the chemical industry.



Cleaners

The RENOCLEAN cleaners for professional use, particularly in the metalworking industry, excel through their high washing effect, smooth processes and economical use.

RENOCLEAN covers everything from heavy-duty truck wash, through to quality hand wash and solvent based degreasing solutions.

RENOCLEAN ECOSOLVE

Product No. 3919

A solvent based, biodegradable, quick break degreaser, formulated to remove tenacious soilage as encountered in mining operations.

RENOCLEAN ECOSOLVE is a biodegradable, solvent-based, heavy duty wash with "quick-break" properties. RENOCLEAN ECOSOLVE is formulated to effectively clean heavy mining & industrial equipment such as dump trucks, cranes, prime movers, trailers, dozers and excavators.

RENOCLEAN DEGREASER 9110

Product No. 2125

A solvent based degreasing solution developed to dissolve oil and grease residues.

RENOCLEAN DEGREASER 9110 is suitable for heavy duty degreasing operations where a versatile solvent based cleaner is required. It does not effect any common metals and is easily removed by rinsing with cold water.

RENOCLEAN HEAVY WASH

Product No. 4520

A non-caustic, heavy duty truck wash. Biodegradable and streak free.

RENOCLEAN HEAVY WASH is a concentrated, water-based, high performance and non-caustic truck wash. This product effectively removes road grime and dirt from all surfaces including plastic, rubber, chrome, aluminium and paintwork.

RENOCLEAN PARTSWASH

Product No. 2419

A solvent based degreasing solution developed to loosen and dissolve oil and grease.

RENOCLEAN PARTSWASH is suitable for heavy duty degreasing operations where a versatile solvent based cleaner is required. RENOCLEAN PARTSWASH is low in odour, and allows easy emulsification and removal of contaminants from soiled components.

RENOCLEAN QBD PLUS 65

Product No. 2844

Emulsifiable, solvent based quick-break degreaser.

RENOCLEAN QBD PLUS 65 is a solvent based degreasing solution developed to dissolve oil and grease residues. This allows easy emulsification and removal of contaminants from soiled components. RENOCLEAN QBD PLUS 65 is suitable for heavy duty degreasing operations where a versatile solvent based cleaner is required. It does not affect any common metals and is easily removed by rinsing with water. RENOCLEAN QBD PLUS 65 was developed to be compatible with triple interceptor pits and most conventional oil separator units, allowing for fast separation of the oil and solvent residues from washing/cleaning systems. RENOCLEAN QBD PLUS 65 is soluble in oil and water.

RENOCLEAN VR 1021 C

Product No. 3829

Water-based, synthetic cleaner specially formulated for the degreasing and the high pressure debarbing of steel and aluminium alloy components.

RENOCLEAN VR 1021C is a water-based, synthetic cleaner specially formulated for the degreasing and the high pressure debarbing of steel and aluminium alloy components. It can also be used in all industrial cleaning applications, including spray washing machines and soak tank/immersion systems.

RENOCLEAN QBV WASH

Product No. 2651

Quick break detergent cleaner.

RENOCLEAN QBV WASH is a detergent based cleaning product possessing quick break properties, formulated to meet the stringent requirements of the transportation industry for a high pressure cleaning compound. It is a nontoxic, non-caustic, biodegradable heavy duty detergent which can be used for virtually any cleaning application, including pressure cleaning, steam cleaning, heavy duty vehicle washing and for many other industrial applications. RENOCLEAN QBV WASH is highly effective in removing most soils including dirt, mud, grime, oil and soot. The quick break property of RENOCLEAN QBV WASH ensures that the emulsified grease and oil rapidly separate in a grease trap, allowing the resultant water layer to be drained to the sewer as treated trade waste.

RENOCLEAN QBV WASH will not promote rust. It contains a water-miscible solvent to aid in the removal of greasy residues, and the high level of sequestrants contained in RENOCLEAN QBV WASH ensure that it works efficiently even in hard water areas. It is gentler than highly acidic or highly alkaline cleaners. It will not affect painted surfaces and is free-rinsing. It will not cause streaking, even if allowed to dry on the surface. It is safe to use on paint, steel, aluminium, glass, rubber, chrome, vinyl including tautliners, fibreglass, tarpaulins and most washable surfaces. RENOCLEAN QBV WASH is ideal for cleaning trucks, buses, trailers, car exteriors and upholstery, boats, building exteriors, windows and most washable surfaces. It may be used either by manual application with a sponge, or through low pressure or high pressure spray equipment.

RENOCLEAN SAFETY SOLVENT

Product No. 1508

Less hazardous non-flammable solvent cleaner for the cleaning of electrical motors and switchgear.

RENOCLEAN SAFETY SOLVENT is particularly suitable for cleaning electric motors, electrical switchgear and solvent cleaning wherever a fire hazard may exist. RENOCLEAN SAFETY SOLVENT has a pleasant mild lemon odour and a high flash point, characteristics that assure a safe working environment. RENOCLEAN SAFETY SOLVENT replaces hazardous cold cleaning solvents such as carbon tetrachloride and flammable petroleum naphthas and solvents.

RENOCLEAN ORANGE

Product No. 3860

A quality hand cleaner that has been developed for the effective cleaning of heavily soiled, oily and grease covered hands.

RENOCLEAN ORANGE leaves hands feeling smooth and clean without the greasy feeling that many other cleaners leave behind. The beads within RENOCLEAN ORANGE provide an abrasive aid in the removal of tough oil and grease stains without irritating the skin. RENOCLEAN Orange can be used in all applications where an effective hand cleaner is required, whether it is in a mechanical workshop, an office washroom or even at home.

RENOCLEAN NUSORB

Product No. 1709

RENOCLEAN NUSORB offers an environmentally and toxicologically safe method for treatment of workplace spills.

RENOCLEAN NUSORB rapidly absorbs up to its own weight in split liquid (depending on the liquid to be absorbed) and provides a simple method for collection and disposal.

Why FUCHS?

LUBRICANTS.

FUCHS focuses on lubricants and offers solutions for all issues and fields of application in the world of lubricants.

TECHNOLOGY.

FUCHS claims technological leadership in strategically important fields of application and is acknowledged as the number one technology partner by its customers. Not only does FUCHS focus on its own lubricants, it also takes a holistic approach, paying close attention to the processes in place at its customers.

PEOPLE.

FUCHS' dedicated corporate culture, coupled with its loyal and motivated workforce, is the strategic key to its success. Our employees form the basis for this success.

LUBRICANTS.
TECHNOLOGY.
PEOPLE.





LUBRICANTS.
TECHNOLOGY.
PEOPLE.



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