

**GERMAN
TECHNOLOGY**

AUSTRALIAN MADE



Lubricants for Civil, Construction and Earthmoving



About FUCHS

FUCHS is a global Group with German roots that has developed, produced and sold lubricants and related specialties for more than 85 years – for virtually all areas of application and sectors. With 62 companies and more than 5,600 employees worldwide, the FUCHS Group is the leading independent supplier of lubricants.

The FUCHS product program comprises more than 10,000 products and related services across multiple categories including:

- **Automotive Lubricants**
- **Industrial Lubricants**
- **Lubricating Greases**
- **Metal Processing Lubricants**
- **Food Processing Lubricants**
- **Special Application Lubricants; and,**
- **Services**

Along with its Sunshine (VIC) facility, FUCHS Lubricants Australasia produces a selection of its products within its 25,000 square metre purpose built Beresfield (Newcastle, NSW) plant.

Keeping in line with its core values, both FUCHS facilities manufacture products using high-quality materials and cutting-edge technology whilst also adhering to industry leading environmental and manufacturing policies and requirements.

Working close with its customers, FUCHS develops holistic, innovative and custom-made solutions for a variety of applications.



And while that means the company is perfectly positioned to respond to the immediate needs of its customers - particularly in emergency situations - it also proudly means jobs for Australians.

As a lubricant manufacturer, FUCHS stands for performance, sustainability, safety, reliability and efficiency.

FUCHS boldly stand by its promise of **TECHNOLOGY THAT PAYS BACK**

Wayne Hoiles

Managing Director
FUCHS Lubricants (Australia) Pty Ltd



Contents

FUCHS CORPORATE

About FUCHS	2
German Technology, Australian Commitment	4

CIVIL, CONSTRUCTION AND EARTHMOVING SECTORS

Quarries	6
Construction	10
Specialty Machines	14
Haulage Vehicles	18

LUBRICANT RANGES

Engine Oils	22
Gear & Transmission Oils	24
Hydraulic Fluids	29
Greases	33
Coolants	37
Cleaning Products	38
Specialty Products	40
Compressor Oils	41

PRODUCT FEATURES

FUCHS PLANTO Series	17
FUCHS TITAN CARGO SAE 15W40	20
FUCHS MEISSELPASTE	21

German Technology, Australian Commitment.

95% of products sold in Australia and New Zealand are manufactured in Australia

1700 lubricants and related specialties

230 employees

2 world class production plants and laboratories being the only Australian manufacturer to produce lubricants, coolants, greases and additives

FUCHS Lubricants (Australasia) Pty. Ltd. operate with SAI Global certified systems along with ISO IATF 16949 certification, focused on high quality outcomes & mitigation of risk.



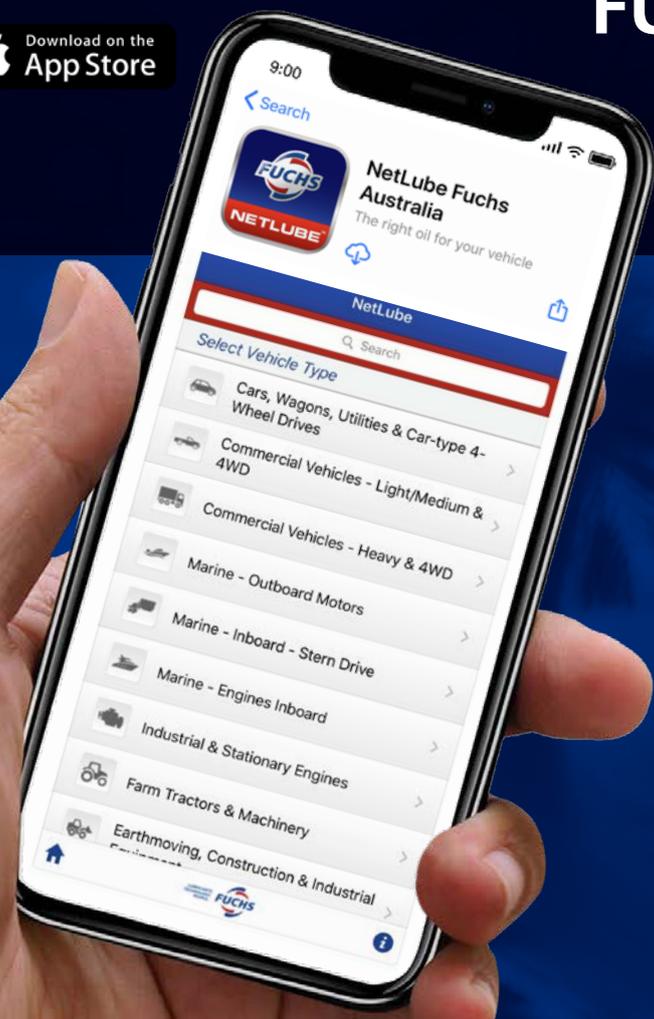
Customer Support at your fingertips

The world of lubricants is complex and fast-paced. The FUCHS Netlube Oil Selector app will provide all of information you need, whenever and wherever you need it.



Download the app to your smartdevice today by searching:
FUCHS Netlube
in the app store.

Or visit www.fuchs.com.au
to use the online oil finder



Quarries

With many years experience in this industry, FUCHS Lubricants have developed solutions that really work. Delivering a full suite of only the highest performing, OEM recognised, specialty lubricants, our products are optimised to get the most out of your specialty quarry and mining equipment and mobile crushing fleet.

Wheel Loaders

GREASES

PG 33

ENHANCED BUCKET PIN AND BUSH PROTECTION WITH **RENOLIT LUBRENE LMG 960 EP2**

RENOLIT LUBRENE LMG 960 EP2 is a solids based, extreme load carrying, high temp black grease, that offers more than double the solids content than many of our competitor's offerings. RENOLIT LUBRENE LMG 960 EP2 stays in place, is water resistant, reduces wear and is perfect for use in central lube systems and greatly extends service life of bucket pins and bushes.

HYDRAULIC FLUIDS

PG 29

PREMIUM HYDRAULIC FLUIDS FOR ALL APPLICATIONS

SPECIALTY PRODUCTS

PG 40

ELIMINATE DUST WITH **RENOCLEAN AIR HOLD-DOWN**

A biodegradable high performance dust suppression solution that prevents fine and coarse dirt and dust particles from becoming airborne.

Quarry Product Applications



Wheel Loaders



Mobile Crushers



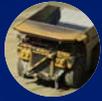
Large Excavators



Compressors



Mobile Screens



Dump Trucks



Hydraulic Hammers



Generators

ENGINE OILS

PG 22

CONSOLIDATE WITH TITAN CARGO SAE 15W-40

Optimise how you service your diverse fleet, by consolidating on to TITAN CARGO SAE 15W-40 CK-4 heavy duty diesel engine oil.

With the highest number of OEM approvals in the market, you will have the best protection and absolute peace of mind.

COOLANTS

PG 37

HIGH QUALITY, LONGLIFE COOLANTS FOR MIXED FLEETS

CLEANING PRODUCTS

PG 38

REDUCE CLEANING TIMES WITH RENOCLEAN HEAVY WASH

RENOCLEAN HEAVY WASH is a cost effective, streak free, water based and biodegradable, quick break fleet wash and degreaser. A highly effective dual purpose product to reduce cost and cleaning times on all on and off highway equipment.

GEAR & TRANSMISSION OILS

PG 24

REDUCE WEAR WITH TITAN SUPERGEAR HTB SAE 85W-140

A high performance, hypoid gear oil that is fortified with best in class EP additives for the most demanding applications.

A great troubleshooting solution greatly reduce temperature and oil degradation in highly loaded final drives. Outperforms some synthetic oils.

Mobile Crushers & Screen

CLEANING PRODUCTS PG 38

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GREASES PG 33

HIGH PERFORMANCE, WATER RESISTANT RENOLIT CXI 2

RENOLIT CXI 2 is a calcium based, high performance EP grease that is perfect for the protection of bearings on crushers and screens that are located in very high water, dust and heat environments, like quarries. This product is also easily pumpable in central lube systems.

SPECIALTY PRODUCTS PG 40

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S



ENGINE OILS

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GEAR & TRANSMISSION OILS

PG 24

THE ULTIMATE PROTECTION WITH **RENOLIN CLP PLUS**

Choose from a full suite of high performance industrial gear oils to increase service life and equipment reliability. RENOLIN CLP PLUS is perfect for high water ingress environments like quarries and concrete pumping equipment, RENOLIN CLP PLUS will still perform as required, even with up to 5% water content.

COOLANTS

PG 37

HIGH QUALITY, LONGLIFE COOLANTS FOR MIXED FLEETS

HYDRAULIC FLUIDS

PG 29

PREMIUM HYDRAULIC FLUIDS FOR ALL APPLICATIONS

Construction

FUCHS Lubricants are the technology leaders in providing best in class, consolidative solutions for the excavation and earthmoving, demolition, and building and construction industries.

For over 85 years, we have been developing high quality, OEM recognised, specialised and problem solving lubricants to support your diverse fleet. Our expertise will give you absolute confidence in knowing that we have you completely covered for all of your equipment maintenance needs.

Large Excavators

ENGINE OILS

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SPECIALTY PRODUCTS

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ELIMINATE NITROGEN OXIDE EXHAUST EMISSIONS WITH **ADBLUE**

Selective Catalytic Reduction (SCR) technology uses an additive called ADBLUE that is injected into the exhaust gases before they pass through an SCR catalytic converter. ADBLUE is also known as Diesel Exhaust Fluid.

ELIMINATE DUST WITH **RENOCLEAN AIR HOLD-DOWN**

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CLEANING PRODUCTS

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Construction Product Applications



Medium & Small Excavators



Bulldozers



Tower Cranes



Skid Steer Loaders



Articulated Dump Trucks



Rollers



Hydraulic Hammers



Backhoes



Graders



Mobile Cranes



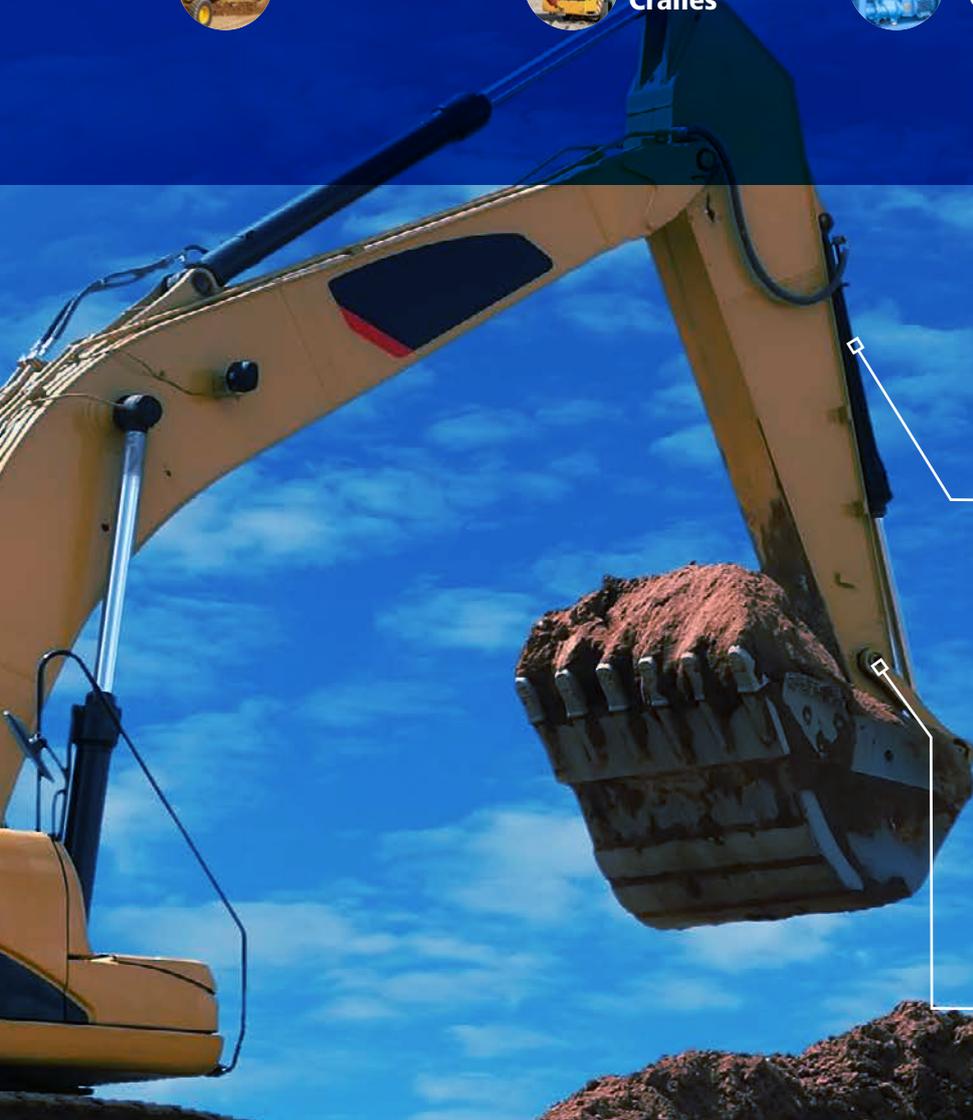
Air Compressors



Telescopic Handler



Generators



HYDRAULIC FLUIDS

PG 29

EXTEND YOUR FLUID LIFE BY UP TO 4 TIMES USING **RENOLIN XTREME TEMP**

If you want get the most out of your equipment, then RENOLIN XTREME TEMP hydraulic fluids are your fluid of choice.

RENOLIN XTREME TEMP will outlast standard fluids by up to 4 times, all while increasing efficiency, extending service life of booms, pumps and seals and reducing your service costs overall.

GREASES

PG 33

ENHANCED BUCKET PIN AND BUSH PROTECTION WITH **RENOLIT LUBRENE LMG 960 EP2**

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GEAR & TRANSMISSION OILS

PG 24

TITAN UTTO PRO - THE QUIET ACHIEVER

Eliminate wet brake noise and extend drain intervals, while ensuring your machines have the best protection possible with our top quality Universal Tractor and Transmission fluid TITAN UTTO PRO.

Bulldozers

COOLANTS

PG 37

HIGH QUALITY, LONGLIFE
COOLANTS FOR MIXED FLEETS

HYDRAULIC FLUIDS

PG 29

PREMIUM HYDRAULIC FLUIDS
FOR ALL APPLICATIONS

ENGINE OILS

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CONSOLIDATE WITH **TITAN
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CLEANING PRODUCTS

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REDUCE CLEANING TIMES WITH
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Small and Medium Excavators

CLEANING PRODUCTS PG 38

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ENGINE OILS PG 22

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HYDRAULIC FLUIDS PG 29

HIGH QUALITY ZINC AND ASH FREE HYDRAULIC FLUIDS

The RENOLIN ZAF SERIES of fluids provides optimal performance and excellent anti-corrosive and demulsifying properties that will help to protect and improve performance of your valued equipment.

COOLANTS PG 37

HIGH QUALITY, LONGLIFE COOLANTS FOR MIXED FLEETS

SPECIALTY PRODUCTS PG 40

ELIMINATE DUST WITH RENOCLEAN AIR HOLD-DOWN

A biodegradable high performance dust suppression solution that prevents fine and coarse dirt and dust particles from becoming airborne.

GREASES PG 33

SUPER TACKY RENOLIT POLIPLEX 2 GREASE

RENOLIT POLIPLEX 2, is a polymer enhanced, high temp grease, with performance that is unmatched for its application.

This grease is super tacky, has very high adhesion, and significantly reduces melt caused by high machine and ambient temps. RENOLIT POLIPLEX 2 will not wash out in water and is white in colour to ensure your equipment has maintained protection and is kept looking clean and tidy.

EXTENDED HYDRAULIC HAMMER LIFE WITH MEISSELPASTE

Our flagship MEISSELPASTE grease offers unmatched performance in the protection of hydraulic hammer attachments.

A product that is engineered for the heaviest shock load applications, is built on an aluminium base and contains a 35% mix of solids, to ensure your hammer pins and bushes last the distance. Available in multiple pack sizes including standard and screw type cartridges.

Specialty Machines

Specialty machines are purpose built for the most demanding applications and environments, as are the range of FUCHS Lubricants products that are engineered to support them.

Our innovative products, which include high performance drilling lubricants, Calcium based greases and fire resistant and environmentally safe, biodegradable hydraulic fluids, will ensure you not only gain enhanced machine service life and availability, but also keep your work environment safe and consolidate supply.

Piling Machines

CLEANING PRODUCTS

PG 38

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HYDRAULIC FLUIDS

PG 29

RENOSAFE FIREPROTECT - ENVIRONMENTALLY SAFE AND FIRE RESISTANT HYDRAULIC FLUIDS

This top quality, Ester based synthetic hydraulic fluid, is non toxic, physiologically harmless and is fire resistant. Perfect for use in the most sensitive work environments, like tunnels, waterways and mine sites.

GEAR & TRANSMISSION OILS

PG 24

A WIDE RANGE OF HIGH PERFORMANCE OPTIONS

SPECIALTY PRODUCTS

PG 40

ELIMINATE DUST WITH **RENOCLEAN AIR HOLD-DOWN**

A biodegradable high performance dust suppression solution that prevents fine and coarse dirt and dust particles from becoming airborne.

Specialty Machine Product Applications



Piling Machines



Bolters



Road Headers



Mobile Surface Drill Rigs



Miners



Air Compressors



Generators

GREASES

PG 33

ENHANCED HAMMER, PIN & BUSH PROTECTION WITH **RENOLIT LUBRENE LMG 960 EP 2** RENOLIT LUBRENE LMG 960 EP2 is a solids based, extreme load carrying, high temp black grease, that offers more than double the solids content than many of our competitor's offerings. RENOLIT LUBRENE LMG 960 EP2 stays in place, is water resistant, reduces wear and is perfect for use in central lube systems and greatly extends service life.

SEMI DRY FILM WIRE ROPE AND SLEW GEAR PROTECTION WITH **CEPLATTYN 300**

Highly specialised solids based external wire rope and gear rim EP grease. CEPLATTYN 300 features a spray on liquid that semi dries after application and does not attract dirt. CEPLATTYN 300 is water resistant and greatly extends service life of wire ropes and open gears.

ENGINE OILS

PG 22

CONSOLIDATE WITH **TITAN CARGO SAE 15W-40**

Optimise how you service your diverse fleet, by consolidating on to TITAN CARGO SAE 15W-40 CK-4 heavy duty diesel engine oil.

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COOLANTS

PG 37

HIGH QUALITY, LONG LIFE COOLANTS FOR MIXED FLEETS

Mobile Drill Rigs

CLEANING PRODUCTS PG 38

REDUCE CLEANING TIMES WITH RENOCLEAN HEAVY WASH

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COOLANTS PG 37

HIGH QUALITY, LONGLIFE COOLANTS FOR MIXED FLEETS

GEAR & TRANSMISSION OILS PG 24

A WIDE RANGE OF HIGH PERFORMANCE OPTIONS

ENGINE OILS PG 22

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GREASES PG 33

BEST IN MARKET, EXTREME TEMP DRILL THREAD PROTECTION WITH RENOLIT DTG BLUE

RENOLIT DTG BLUE is an extreme performance drill thread grease that is optimised for use in hard and soft rock drilling in specialty quarry equipment.

This calcium complex grease is suitable for underwater use and has an extreme temp range of up to 1,100 degrees C and has proven itself in the most arduous environments. Suitable for all thread types and is blue in colour to provide ease of application.

HIGH PERFORMANCE, WATER RESISTANT RENOLIT CXI 2

RENOLIT CXI 2 is a calcium based, high performance EP grease that is perfect for the protection of bearings on crushers and screens that are located in very high water, dust and heat environments, like quarries. This product is also easily pumpable in central lube systems.

HYDRAULIC FLUIDS PG 29

RENOSAFE FIREPROTECT ENVIRONMENTALLY SAFE AND FIRE RESISTANT HYDRAULIC FLUIDS

This top quality, Ester based synthetic hydraulic fluid, is non toxic, physiologically harmless and is fire resistant. Perfect for use in the most sensitive work environments, like tunnels, waterways and mine sites.

SPECIALTY PRODUCTS PG 40

ELIMINATE DUST WITH RENOCLEAN AIR HOLD-DOWN

A biodegradable high performance dust suppression solution that prevents fine and coarse dirt and dust particles from becoming airborne.



German Technology for Ecology

FUCHS PLANTO LUBRICANTS

All vehicles and machinery carry substances such as fuel, engine oil, gear oils, hydraulic oils, antifreeze, etc. which can pose significant dangers to our environment in the case of a spillage. This is particularly true of off-road vehicles (such as dozers, diggers, etc.) which operate directly on the earth and which carry larger volumes of fuel and lubricants.

PLANTO hydraulic fluids contain a proportion of carbon coming from renewable raw materials which is greater than 50%. Our biogenic lubricants of the PLANTO range are based on synthetic ester oils. That means, the natural vegetable oils are stabilised by chemical modification to ensure that the finished products meet and surpass the technical performance requirements.

Performance Features

- Are free of substances which represent a danger for the environment and the human health (according to EU Guideline 1999/45/EC)
- Does not contain organic halogen or nitrite compounds, offering a very low aquatic toxicity (damaging of water organisms)
- Are rapidly biodegradable
- Are mostly CO₂-neutral when being manufactured
- Reduce CO₂ emissions also in the application
- Meet and surpass the requirements according to ISO 15380 and are fit for use



Haulage Vehicles

FUCHS Lubricants develop OEM approved solutions that are optimised to support a wide range of fleet vehicles and trailers.

Our wide selection of heavy vehicle products can help you rationalise your fleet's range of lubricants, lower overall operating costs and enhance service life across engines, drivelines, bearings and fifth wheels.

Trucks & Trailers



CLEANING PRODUCTS

PG 38

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GREASE

PG 33

SUPER TACKY RENOLIT POLIPLEX 2 GREASE (TRUCK 5TH WHEEL)

RENOLIT POLIPLEX 2, is a polymer enhanced, high temp grease, with performance that is unmatched for its application. This grease is super tacky, has very high adhesion, and significantly reduces melt caused by high machine and ambient temps. RENOLIT POLIPLEX 2 will not wash out in water and is white in colour to ensure your equipment has maintained protection and is kept looking clean and tidy.

RENOLIT HI TEMP - SUPER HIGH TEMP BEARING GREASE (TRAILER)

RENOLIT HI TEMP 220 is a super high performance, synthetic grease that resists high and low thermal loads. It is extremely stable and water resistant. It is perfect for use in highly loaded bearings in haulage trailers and large machinery.

Haulage Vehicle Product Applications



Rigids



B-Doubles



Flatbed



Semi Trailers



Dog Trailers



Mixers



SPECIALTY PRODUCTS

PG 40

ELIMINATE NITROGEN OXIDE EXHAUST EMISSIONS WITH **ADBLUE**

Selective Catalytic Reduction (SCR) technology uses an additive called ADBLUE that is injected into the exhaust gases before they pass through an SCR catalytic converter. ADBLUE is also known as Diesel Exhaust Fluid.

COOLANTS

PG 37

HIGH QUALITY, LONGLIFE COOLANTS FOR MIXED FLEETS

GEAR & TRANSMISSION OILS

PG 24

A WIDE RANGE OF HIGH PERFORMANCE OPTIONS

ENGINE OILS

PG 22

CONSOLIDATE WITH **TITAN CARGO SAE 15W-40**

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With the highest number of OEM approvals in the market, you will have the best protection and absolute peace of mind.



TITAN CARGO

SAE 15W-40

TITAN CARGO SAE 15W-40 is a diesel engine oil designed for a large range of machinery and commercial vehicles which meet the latest API category CK-4.

The combination of state-of-the-art additive technology with a new base oil matrix provides the highest levels of performance regarding oxidation stability, resistance to oil aeration, wear protection as well as shear stability in highly stressed engines.

TITAN CARGO SAE 15W-40 is particularly advantageous in vehicles fitted with exhaust gas treatment systems such as Diesel Particulate Filters (DPF), Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction catalyst (SCR) and/or any combination of the given technologies.

SPECIFICATIONS

- ACEA E9
- API CK-4 / CJ-4 / SN
- CAT ECF-3
- JASO DH-2

APPROVALS

- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- DEUTZ DQC III-10 LA
- FORD M2C171-F1
- MACK EO-S 4.5
- MAN M 3775
- MB-APPROVAL 228.31
- MTU DDC TYPE 2.1
- RENAULT RLD-3
- VOLVO VDS-4.5
- ALLISON TES-439

RECOMMENDATIONS

- MAN M 3575
- RENAULT RLD-4

Performance Features

- Excellent oxidation stability
- Outstanding shear stability
- Protection of exhaust gas treatment systems due to very low sulphated ash content
- Excellent wear protection under high load conditions
- Protection against soot-related viscosity increase



Market Leading *MEISSELPASTE*

FUCHS' flagship MEISSELPASTE grease offers unmatched performance in the protection of Hydraulic Hammer attachments.

A product that is engineered for the heaviest shock load applications, is built on an Aluminium base and contains a 35% mix of solids, to ensure your Hammer pins and bushes last the distance.

Available in multiple pack sizes including standard and screw type cartridges for direct fit application.

PACK SIZE	PACK CODE	APPLICATION
400g	2431400	Direct Fit Cartridge
450g	2431450	Grease Cartridge
500g	24310005	Direct Fit Cartridge
20kg	2431020	Drum
190kg	2431190	Drum

Performance Features

- **Temperature range:** -20 / +1,100°C; dry lubricating film up to 1,100°C
- **Excellent EP properties**
- **Good corrosion protection**
- **Very good resistance to water**
- **Good release properties**
- **Reduces wear**
- **Resistance against ageing**
- **Multiple cartridge sizes for most applications**



Lubricant Range

ENGINE OILS

TITAN CARGO SAE 15W-40

Part No. 4890

Pack Sizes ■ 5L ■ 10L ■ 20L ■ 205L ■ 1000L

TITAN CARGO SAE 15W-40 is a ultra high performance engine oil featuring a CK-4 specification which not only meet today's stringent emission requirements but also the engine performance of modern Original Equipment Manufacturers (OEMs).

The combination of state-of-the-art additive technology with a new base oil matrix with very high oxidation stability provides the highest levels of performance regarding engine durability in highly stressed commercial vehicle engines.

TITAN CARGO SAE 15W-40 has not only been developed to today's emission requirements, but it's particularly advantageous in vehicles fitted with exhaust gas treatment systems such as Diesel Particulate Filters (DPF), Diesel Oxidation Catalyst (DOC), high rate of Exhaust Gas Recirculation (EGR), two-stage turbo charging and SCR-Catalyst (Selective Catalytic Reduction) and/or any combination of the given technologies.

Specifications

- ACEA E9
- API CK-4 / CJ-4 / SN
- CAT ECF-3
- JASO DH-2

Approvals

- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- DEUTZ DQC III-10 LA
- FORD M2C171-F1
- MACK EO-S 4.5
- MAN M 3775
- MB-APPROVAL 228.31
- MTU DDC TYPE 2.1
- RENAULT RLD-3
- VOLVO VDS-4.5
- ALLISON TES-439

Recommendations

- MAN M 3575
- RENAULT RLD-4

TITAN CARGO MAXX SAE 10W-40

Part No. 3872

Pack Sizes ■ 5L ■ 20L ■ 205L ■ 1000L

TITAN CARGO MAXX SAE 10W-40 is a premium low-SAPS, MAXX performance engine oil with new XTL-Technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Good cold starting properties and ageing stability for fuel-economy over the whole drain interval.

Specifications

- ACEA E9/E7/E6/E4
- API CJ-4
- CAT ECF-3
- JASO DH-2

Approvals

- DEUTZ DQC IV-10 LA
- MACK EO-O PREMIUM PLUS
- MAN M 3271-1
- MAN M 3477
- MAN M 3575
- MB-Approval 228.31
- MB-Approval 228.51
- MTU DDC TYPE 2.1, 3.1
- SCANIA LA
- RENAULT RLD-3
- VOLVO VDS-4

Recommendations

- CUMMINS CES 20081
- DETROIT DIESEL 93K218
- IVECO 18-1804 CLASSE TLS E9
- IVECO 18-1809 CLASSE NG2
- VOITH RETARDER 'B'

TITAN TRUCK PLUS SAE 15W-40

Part No. 4191

Pack Sizes ■ 5L ■ 10L ■ 20L ■ 205L ■ 1000L

TITAN TRUCK PLUS SAE 15W-40 is a super high performance engine oil for a variety of diesel engines. Specially for supercharged commercial vehicle diesel engines.

Specifications

- ACEA E7
- API CI-4/SL
- CAT ECF-1-a/ECF-2
- GLOBAL DHD-1

Approvals

- CUMMINS CES 20076
- CUMMINS CES 20077
- CUMMINS CES 20078
- DETROIT DIESEL 93K215
- DEUTZ DQC III-10
- MACK EO-N
- MAN M 3275-1
- MB-APPROVAL 228.3
- MTU DDC TYPE 2
- RENAULT RLD / RLD-2
- VOLVO VDS-3

Recommendations

- ALLISON C-4
- CASE MS 1121
- CAT TO-2
- CUMMINS CES 20071/2
- IVECO 18-1804 CLASSE T2 E7
- NH 330 H

TITAN CFX SAE 10W-30

Part No. 2421

Pack Sizes ■ 1L ■ 5L ■ 20L ■ 205L ■ 1000L

TITAN CFX SAE 10W-30 is specially formulated to meet the demands of late generation petrol engines as well as light commercial diesel. Formulated to increase service intervals, TITAN CFX SAE 10W-30 will also aid in the reduction of fuel consumption whilst providing optimal protection against engine wear.

Specifications

- API SN/CF
- ILSAC GF-5

Approvals

- N/A

Recommendations

- N/A

TITAN CFX SAE 15W-40

Part No. 3877

Pack Sizes ■ 1L ■ 5L ■ 20L ■ 205L ■ 1000L

TITAN CFX SAE 15W-40 is a high-performance SAE 15W-40 engine oil. Suitable for normally aspirated and turbo charged petrol & light commercial diesel engine.

Specifications

- API SN/CF

Approvals

- N/A

Recommendations

- N/A

GEAR & TRANSMISSION OILS

TITAN GEAR MP 80

Part No. 2798

Pack Sizes ■ 20L ■ 205L

TITAN GEAR MP 80 is a mineral monograde SAE 80 transmission fluid for use in transmissions which demand a GL-4-performance level.

Specifications

- API GL-4

Approvals

- MB-APPROVAL 235.1
- ZF TE-ML 17A

Recommendations

- BMW 81 22 9 407 052
- BMW 81 22 9 407 053
- FORD M2C9008-A
- VW TL 726
- ZF TE-ME 08

TITAN GEAR MP 90

Part No. 2138

Pack Sizes ■ 20L ■ 205L

TITAN GEAR MP SAE 90 is a mineral monograde SAE 90 transmission fluid for use in transmissions which demand a GL-4-performance level.

Specifications

- API GL-4

Approvals

- N/A

Recommendations

- MAN 341 TYPE Z1

TITAN SUPERGEAR SAE 80W-90

Part No. 2135

Pack Sizes ■ 1L ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN SUPERGEAR SAE 80W-90 is a mineral universal gear oil for use in manual transmissions and axle gearboxes in both passenger cars and commercial vehicles.

Specifications

- API GL-4 / GL-5

Approvals

- MAN 342 TYPE M2
- ZF TE-ML 05A
- ZF TE-ML 12E
- ZF TE-ML 17B
- ZF TE-ML 19B
- ZF TE-ML 21A

Recommendations

- MIL-L-2105 D
- NH 520 A
- STEYR B-101
- VOLVO 97310

TITAN SUPERGEAR LS SAE 80W-90

Part No. 2137

Pack Sizes ■ 1L ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN SUPERGEAR LS SAE 80W-90 is a high performance LS (Limited Slip) hypoid gear oil for axles in commercial vehicles and passenger cars with or without limited slip differentials.

LS (Limited Slip) hypoid gear oil for highly stressed normal and limited slip differentials in cars, vans, trucks, buses, tractors, construction and industrial machinery. All-season, high performance, LS hypoid gear oil. Miscible with all mineral and synthetic gear oils. No flushing is therefore required.

Specifications

- API GL-5 / GL-5 incl LS
- API MT-1
- SAE J2360

Approvals

- N/A

Recommendations

- FORD WSP-M2C197A
- MACK GO-J
- MERITOR 0-76D
- MIL-PRF-2105 E
- ZF TE ML-07 / ML-08

TITAN SUPERGEAR LS SAE 85W-140

Part No. 1933

Pack Sizes ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN SUPERGEAR LS SAE 85W-140 is a lubricant for limited slip differentials and hypoid gears.

LS (Limited Slip) hypoid gear oil for highly stressed normal and limited slip differentials in cars, vans, trucks, buses, tractors, construction and industrial machinery. All-season, high performance, LS hypoid gear oil.

Specifications

- API GL-5 / GL-5 LS
- API MT-1
- SAE J2360

Approvals

- N/A

Recommendations

- MACK GO-J
- MERITOR 0-76A
- MIL-PRF-2105 E
- ZF TE ML-07A / ML-08

TITAN SUPERGEAR SAE 85W-140

Part No. 2136

Pack Sizes ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN SUPERGEAR SAE 85W-140 is a mineral universal gear oil for use in manual transmissions and axle gearboxes in both passenger cars and commercial vehicles.

Specifications

- API GL-4 / GL-5

Approvals

- ZF TE-ML 05A
- ZF TE-ML 12E
- ZF TE-ML 16D
- ZF TE-ML 21A

Recommendations

- MIL-L-2105 D
- VOLVO 97310

TITAN SUPERGEAR HTB SAE 85W-140

Part No. 3098

Pack Sizes ■ 20L ■ 205L ■ 1000L

TITAN SUPERGEAR HTB SAE 85W-140 is a heavy duty hypoid gear oil containing a unique additive system for severe duty service in differentials and industrial gearboxes in the manufacturing, mining and related industries.

Designed specifically to reduce thermal stress on equipment operating under high loads such as experienced in heavy duty trucking and mining operations.

Specifications

- API GL-4 / GL-5

Approvals

- N/A

Recommendations

- N/A

TITAN CYTRAC ETN-EP SAE 80W-140

Part No. 4462

Pack Sizes ■ 4L ■ 20L ■ 205L

TITAN CYTRAC ETN-EP SAE 80W-140 is a heavy duty, extreme pressure API GL-5 gear lubricant compounded using a synthetic base stock, which has a high viscosity index and an exceptionally low pour point.

Specifications

- API MT-1. GL-5

Approvals

- Dana SHAE 429

Recommendations

- ARVIN MERITOR O-80, O-76-B
- INTERNATIONAL TMS 6816
- MACK GO-J
- SAE J2360
- MIL-PRF-2105 E

GEAR & TRANSMISSION OILS

TITAN CYTRAC ETN SAE 40

Part No. 4707

Pack Sizes ■ 20L ■ 205L

TITAN CYTRAC ETN SAE 40 synthetic transmission lubricant is a specially formulated synthetic lubricant designed to improve fuel economy for extended drain and severe service heavy duty manual transmissions, which require a non-EP gear or transmission lubricant.

Specifications

- API MT-1

Approvals

- ConMet
- Eaton PS-386
- MACK TO-A PLUS
- Navistar MPAPS B-6816 Type II

Recommendations

- ARVIN MERITOR O-81
- Eaton PS-164 rev 7

TITAN UTTO T-04 SERIES

TITAN UTTO TO-4 SAE 10W - 2145

TITAN UTTO TO-4 SAE 30 - 2157

TITAN UTTO TO-4 SAE 50 - 2158

TITAN UTTO TO-4 SAE 60 - 2572

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

TITAN UTTO TO-4 (SAE 10W, 30, 50, 60) are super high performance multi-functional oils which have been specially designed to meet the rigorous requirements of the CATERPILLAR TO-4 specification.

Specifications

- API GL-4
- CATERPILLAR TO-4

Approvals

- N/A

Recommendations

- KOMATSU KES 07.868.1

AGRIFARM UTTO MP

Part No. 4399

Pack Sizes ■ 5L ■ 20L ■ 205L ■ 1000L

AGRIFARM UTTO MP is a super high performance multi-functional oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.

AGRIFARM UTTO MP's special additive components guarantee outstanding deceleration performance combined with a high capability of noise suppression over the full oil drain.

Specifications

- API GL-4

Approvals

- ZF TE-ML 03E, 06K, 05F, 17E, 21F (ZF002183)

Recommendations

- AGCO Powerfluid 821 XL
- AGCO Q-186 (Whitefarm)
- ALLISON C-4
- CASE MS 1230, 1210, 1209, 1207, 1206
- CLAAS / LANDINI / SAME-Transmission
- CNH MAT 3505, 3506, 3509, 3525, 3526, 3540
- FNHA-2-C-200.00 / -201.00
- FORD M2C48-C3, ESN M2C86-B/C, M2C134-D
- JOHN DEERE JDM J20C
- KUBOTA UDT FLUID
- MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135
- NH 410B
- SAE J300 10W-30
- SAE J306: 75W-80
- SDFG OT 1891 A
- VALTRA G2-08, G2-B10

TITAN UTTO PRO

Part No. 4132

Pack Sizes ■ 20L ■ 205L ■ 1000L

TITAN UTTO PRO is an ultra high-performance multi-functional oil for gears, axles and hydraulic systems. Based on specially selected additives and high quality base oils combining improved wear protection and excellent viscosity / temperature characteristics.

Specifications

- API GL-4
- SAE J 306: 75W-80

Approvals

- VOLVO WB 101

Recommendations

- ALLISON C-4
- CASE MS 1207/1209/1210
- FORD M2C134-D
- FORD M2C86-C
- JDM J 20 C / D
- KOMATSU AXO 80 (KES 07.866)
- KUBOTA UDT
- MASSEY FERGUSON CMS 1135 / 1143
- VOLVO WB 102
- ZF TE-ML 03E/03F/05F/06K
- JOHN DEERE JDM J20C, J20D, J14

RENOLIN CLP SERIES

RENOLIN CLP 68 - 1926

RENOLIN CLP 100 - 1918

RENOLIN CLP 150 - 1920

RENOLIN CLP 220 - 1921

RENOLIN CLP 320 - 1924

RENOLIN CLP 460 - 1925

RENOLIN CLP 680 - 2456

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 10L ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 10L ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 10L ■ 20L ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L ■ 1000L

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 (2011): CLP
- ISO 6743-6: CKC/CKD
- ISO 12925-1: CKC/CKD
- AIST 224
- AGMA 9005/E02:EP
- David Brown S1 53.101

Approvals

- Ask your FUCHS Sales Representative

Recommendations

- Ask your FUCHS Sales Representative

RENOLIN CLP PLUS SERIES

RENOLIN CLP 220 PLUS - 4647

RENOLIN CLP 320 PLUS - 4699

RENOLIN CLP 460 PLUS - 4703

Pack Sizes ■ 205L ■ 1000L

Pack Sizes ■ 20L ■ 205L

Pack Sizes ■ 20L

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

Approvals

- Ask your FUCHS Sales Representative

Recommendations

- Ask your FUCHS Sales Representative

GEAR & TRANSMISSION OILS

RENOLIN UNISYN CLP SERIES

RENOLIN UNISYN CLP 32 - 2426
 RENOLIN UNISYN CLP 68 - 2439
 RENOLIN UNISYN CLP 150 - 4418
 RENOLIN UNISYN CLP 220 - 1916
 RENOLIN UNISYN CLP 320 - 1917
 RENOLIN UNISYN CLP 460 - 3292
 RENOLIN UNISYN CLP 680 - 3997

Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L ■ 1000L

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.

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)

Approvals

- Ask your FUCHS Sales Representative

Recommendations

- Ask your FUCHS Sales Representative

TITAN ATF D3

Part No. 2121

Pack Sizes ■ 1L ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN ATF D3 is a multi-functional Automatic Transmission Fluid, providing longer life and smoother gear shifts.

Recommended for Passenger Cars and Commercial Vehicles requiring a Dexron® III specification.

Specifications

- N/A

Approvals

- N/A

Recommendations

- ALLISON C-4
- CATERPILLAR TO-2
- Ford MERCON®
- DEXRON® III

TITAN ATF 4400

Part No. 4935

Pack Sizes ■ 1L ■ 4L ■ 20L ■ 60L ■ 205L ■ 1000L

TITAN ATF 4400 has been developed especially to suit the special demands of modern Japanese step-type automatic transmissions with hydraulic converters used in many passenger cars and light duty vehicles. TITAN ATF 4400 combines excellent anti-shudder-properties with a high friction-level constant over lifetime. For this profile selected high-quality base-stocks have been combined with a specially developed additive technology.

Specifications

- JASO M315 TYPE 1A

Approvals

- N/A

Recommendations

- BMW MINI 83 22 0 402 413/83 22 7 542 290
- CHRYSLER MS7176E/9602 (ATF +3/+4)
- DAIHATSU ALUMIX ATF MULTI
- DEXRON® III
- FIAT 9.55550-AV1/AV4
- FORD M2C924-A/M2C922-A1
- FORD MERCON®
- GM 9986195
- HONDA ATF Z-I
- HYUNDAI SP III
- ISUZU BESCO ATF-II/ATF-III
- JATCO 3100 PL085/FWD (N402)/JF506E (K17)
- JWS 3309/TYP T-IV
- MAZDA ATF D-III/ATF M-3/M-V
- MITSUBISHI SP-II/III
- NISSAN MATIC C/D/J
- SAAB 3309
- SUBARU ATF OIL/ATF OIL SPECIAL/ATF HP
- SUZUKI ATF 3309/3317
- TOYOTA TYPE D-2/T/T-II/T-III/T-IV
- VW G 052 990/055 025

TITAN ATF 5500

Part No. 4845

Pack Sizes ■ 4L ■ 20L ■ 205L

TITAN ATF 5500 has been designed based on selected high-quality base oils and a specially developed additive technology. It is highly thermally durable, offers extreme oxidation stability and offers also a reliable performance at very low temperatures. TITAN ATF 5500 is applicable in many applications in passenger cars as well as light and heavy duty.

Specifications

- N/A

Approvals

- MAN 339 TYPE V1/V2/Z3/Z12
- MB-APPROVAL 236.9
- VOITH 150.014524
- VOLVO 97341
- ZF TE-ML 04D, 14C, 16M, 16S, 20C, 25C (ZF001797)

Recommendations

- ALLISON TES 295, 389
- DEXRON® III (H)
- MAN 339 TYPE Z4

HYDRAULIC FLUIDS

RENOLIN B PLUS SERIES

RENOLIN B 32 PLUS - 1666
 RENOLIN B 46 PLUS - 1667
 RENOLIN B 68 PLUS - 1668
 RENOLIN B 100 PLUS - 1663

Pack Sizes ■ 5L ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 5L ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 5L ■ 10L ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 20L ■ 205 ■ 1000L

The RENOLIN B PLUS series is a premium series of hydraulic oils for use in a wide range of hydraulic systems.

The RENOLIN B PLUS series of hydraulic oils are based on highly ageing resistant solvent raffinates and superior additives provide improved ageing resistance, corrosion protection and wear protection, fulfilling, in many cases even surpassing, the minimum requirements of HLP hydraulic oils.

Specifications

- DIN 51524-2: HLP
- AFNOR E48-603
- Cincinnati Milacron P-68, P-69, P-70
- US Steel 126, 127
- Denison HF-1, HF-2, HF-0
- Racine, variable volume vane pumps
- Ford M-6C32
- Vickers I 286-S, M 2950-S

Approvals

- N/A

Recommendations

- N/A

RENOLIN B HVI PLUS SERIES

RENOLIN B 32 HVI PLUS - 1695
 RENOLIN B 46 HVI PLUS - 1696
 RENOLIN B 68 HVI PLUS - 1697
 RENOLIN B 100 HVI PLUS - 2508
 RENOLIN B 150 HVI PLUS - 3153

Pack Sizes ■ 5L ■ 20L ■ 205

Pack Sizes ■ 5L ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 5L ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 20L ■ 205 ■ 1000L

Pack Sizes ■ 20L

The RENOLIN B HVI PLUS series is a premium, high performance hydraulic oil series with a high viscosity index that reduces energy consumption.

The RENOLIN B HVI PLUS series has excellent viscosity – temperature behaviour guarantees a stable, protective film is formed between moving surfaces, even in harsh operating conditions, allowing for smooth efficient actuation over broad temperature ranges and high load demands, resulting improved system performance and reduced energy consumption over standard hydraulic oils.

Specifications

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

Approvals

- N/A

Recommendations

- N/A

HYDRAULIC FLUIDS

RENOLIN ZAF SERIES

RENOLIN ZAF 5 - 1687
 RENOLIN ZAF 10 - 1670
 RENOLIN ZAF 22 - 1675
 RENOLIN ZAF 32 - 1678
 RENOLIN ZAF 46 - 1682
 RENOLIN ZAF 68 - 1688
 RENOLIN ZAF 100 - 1671

Pack Sizes ■ 20L
 Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205 ■ 1000L
 Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205
 Pack Sizes ■ 20L ■ 205 ■ 1000L
 Pack Sizes ■ 20L ■ 205

The RENOLIN ZAF series is a premium zinc and ash free hydraulic oil.

Zinc-free hydraulic oils have steadily gained popularity over the last few years with some equipment manufactures. In many cases, the use of a zinc-free hydraulic/light lubricating oil is a must, especially in machine tools where the hydraulic fluid/ lubrication oil could be cross contaminated with metalworking fluids. RENOLIN ZAF Series offer excellent water separation, and its Zinc and Ash free formulation provides excellent wear and corrosion protection, oxidation stability and good resistance to ageing, and seal compatibility.

Specifications

- DIN 51 524-2 : HLP

Approvals

- N/A

Recommendations

- N/A

RENOLIN XTREME TEMP SERIES

RENOLIN XTREME TEMP 46 - 4407
 RENOLIN XTREME TEMP 68 - 4796

Pack Sizes ■ 205L ■ 1000L
 Pack Sizes ■ 1000L

The RENOLIN XTREME TEMP series was developed for hydraulic systems which are working in a wide temperature range. The shear-stable, high viscosity index (HVI) guarantees a low viscosity at low start-up temperatures and a good low-temperature flow ability of the oil. This shear-stable viscosity index will also guarantee a higher viscosity at high temperatures - a stable lubricating film at high working temperatures compared to standard HLP hydraulic oils. THE RENOLIN XTREME TEMP series is based on selected semi-synthetic base oils in combination with additives to improve the viscosity-temperature behaviour (so called VI Improvers). These polymers guarantee a shear-stable viscosity at low temperatures, higher viscosity at high temperatures.

RENOLIN XTREME TEMP 46

Specifications

- DIN 51 524-3 : HVLP
- ISO 6743-4: HV
- Denison HF0 – T6H20C: hybrid pump
- Bosch Rexroth
- Terex
- Vickers 35VQ-25 / V104-C: vane pumps
- US Steel 127, 136
- Cincinnati Milacron P68, P69, P70

Approvals

- Arburg
- Engel

Recommendations

- N/A

RENOLIN XTREME TEMP 68

Specifications

- DIN 51 524-3 : HVLP
- ISO 6743-4: HV
- Denison HF0 – T6H20C: hybrid pump
- Bosch Rexroth
- Terex
- Vickers 35VQ-25 / V104-C: vane pumps
- US Steel 127, 136
- Cincinnati Milacron P68, P69, P70

Approvals

- N/A

Recommendations

- N/A

RENOSAFE FIREPROTECT 46

Part No. 4800

Pack Sizes ■ 20L ■ 205L

RENOSAFE FIREPROTECT products are fire resistant hydraulic fluids based on special synthetic esters. The selected organic ester base oils have highest purity and show high oxidation and thermal stability. The properties of the fluids are improved by the addition of special selected zinc and ash-free additive systems. These zinc and ash-free additive systems are based on new additive technology which guarantees excellent copper compatibility, yellow metal compatibility, excellent hydrolytic stability and highest oxidation stability. They contain very effective robust and stable wear protection additives together with extreme pressure components. The RENOSAFE FIREPROTECT products are non-toxic and physiologically harmless. The products of the RENOSAFE FIREPROTECT series show in comparison to mineral based hydraulic fluids higher flammability temperature and higher self-ignition temperature.

Specifications

- HEES 46 ISO 15380 hydraulic fluid based on synthetic ester
- RENOSAFE FIREPROTECT HFDU fluid according to DIN 51502, based on synthetic, organic esters.
- Fulfills HLP requirements (with the exception of the TOST properties)
- HFDU according to ISO 12922

PLANTOHYD 46

Part No. 2877

Pack Sizes ■ 1L ■ 20L ■ 205L ■ 1000L

PLANTOHYD 46 is a biodegradable hydraulic fluid, which meets the demands of a conventional modern hydraulic lubricant, with the additional benefits of minimising impact on the environment. PLANTOHYD 46 can be classified as HETG fluid according to ISO/CD 6743-4. PLANTOHYD 46 is greater than 96% biodegradable (CEC-L-33-T-82). One of the many benefits of the PLANTOHYD 46 technology is that it will float on water and is subsequently easily retrieved by skimming. An added benefit to the environment is that when a spill does occur, it does not penetrate the earth to the underground water tables but rapidly biodegrades in the surface layers of the soil. As with mineral based products, PLANTOHYD 46 has a normal operational life of approximately 2,000 hours. However, when coupled with CENT, FUCHS condition monitoring tool production and maintenance costs will diminish due to a significantly improved maintenance methodology.

PLANTOHYD 68

Part No. 1804

Pack Sizes ■ 1L ■ 20L ■ 205L ■ 1000L

PLANTOHYD 68 is a biodegradable hydraulic fluid, which meets the demands of a conventional modern hydraulic lubricant, with the additional benefits of minimising impact on the environment. PLANTOHYD 68 can be classified as HETG fluid according to ISO/CD 6743-4. PLANTOHYD 68 is approved by the Australian Quarantine and Inspection Service under Category 10 of the Export Control Act 1982 as a Lubricant Type A. PLANTOHYD 68 is environmentally harmless being greater than 96% biodegradable (CEC-L-33-T-82) and is classed as German Water Pollution Category 1. One of the many benefits of the PLANTOHYD 68 technology is that it will float on water and is subsequently easily retrieved by skimming. An added benefit to the environment is that when a spill does occur, it does not penetrate the earth to the underground water tables but rapidly biodegrades in the surface layers of the soil. As with mineral based products, PLANTOHYD 68 has a normal operational life of approximately 2,000 hours. However, when coupled with CENT, FUCHS condition monitoring tool production and maintenance costs will diminish due to a significantly improved maintenance methodology.

HYDRAULIC FLUIDS

PLANTOFLUX-AT SERIES

PLANTOFLUX-AT/46-S - 2386

Pack Sizes ■ 20L ■ 180kg

PLANTOFLUX-AT/68-S - 2132

Pack Sizes ■ 20L ■ 180kg ■ 920kg

PLANTOFLUX AT-S are fire resistant hydraulic fluids with self-extinguishing properties. PLANTOFLUX AT-S 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 AT-S 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-S offer high oxidation and ageing resistance, excellent corrosion protection and antiwear properties, low foaming tendency, rapid water separation and consequently reduction of water and oil sludge. PLANTOFLUX AT-S 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-S also has excellent biodegradation of > 60% according to OECE 301B.

PLANTOFLUX-AT/46-S

Specifications

- HFDU fluid according to DIN 51502, based on synthetic esters

Approvals

- Factory Mutual Research # 3014386 - HFDU

Recommendations

- N/A

PLANTOFLUX-AT/68-S

Specifications

- HFDU fluid according to DIN 51502, based on synthetic esters

Approvals

- Factory Mutual Research # 3014386 - HFDU

Recommendations

- N/A

RENOLIN MR 15

Part No. 1951

Pack Sizes ■ 20L ■ 205L ■ 1000L

RENOLIN MR 15 is a multi-purpose lubricating oil for bearings, gearboxes and hydraulics systems.

RENOLIN MR oils have excellent corrosion protection properties that are typically expected only of special designed corrosion protection oils. The excellent corrosion protection of the RENOLIN MR oils ensure that corrosion does not occur on steel and non-ferrous metals in the system, even in the presence of water. We therefore recommend the use of RENOLIN MR oils as break-in oils and operational fluids. The metallic surfaces coated with these oils are safely protected against corrosion when stored properly.

Specifications

- N/A

Approvals

- Raimann Holzoptimierung GmbH
- Sandvik Machinery

Recommendations

- N/A

RENOLIN DTA SERIES

VG 150 - 4731

Pack Sizes ■ 18.9L

VG 220 - 4732

Pack Sizes ■ 18.9L

The RENOLIN DTA Series are lubricating and hydraulic oils for bearings and hydraulics systems.

The products of the RENOLIN DTA range are Zinc Free hydraulic and lubricating oils made from selected base oils with additives to improve ageing stability and corrosion protection. (advanced R&O oils). RENOLIN DTA products are demulsifying lubricating oils for circulation systems and bearing lubrication. Superbly suited for use as a pressure medium for all applications in mobile and stationary hydraulic systems, and are also excellently suited for high-temperature operating conditions, which for example, occur in calendars and lubricating systems in roller stands, and been proven most effective in vacuum pumps.

Specifications

- DIN 51 524-1: HL
- ISO 6743-4: HL
- DIN 51 517-2: CL
- ISO 6743-6 & ISO 12925-1: CKB
- AGMA 9005 / E02: R&O)

Approvals

- N/A

Recommendations

- N/A

GREASES

MEISSELPASTE

Part No. 2431

Pack Sizes ■ 400g ■ 450g ■ 500g ■ 20kg ■ 190kg

MEISSELPASTE is a copper-coloured mineral oil-based paste containing an aluminium complex soap and solid lubricants.

MEISSELPASTE is a special paste for socket tools and bushings of hydraulic and pneumatic hammers with hammer weights between 75 and 6,000 kg. MEISSELPASTE is also suitable for use under water and at high temperatures. MEISSELPASTE can be applied manually with grease guns (= nipple lubrication) or using central lubrication systems.

CAUTION - MEISSELPASTE must not be used to lubricate bearings! Grease guns filled with this product should be permanently labelled accordingly to avoid confusion.

RENOLIT LUBRENE LMG 960 EP 2

Part No. 4546

Pack Sizes ■ 450g ■ 20kg ■ 180kg ■ 1260kg

RENOLIT LUBRENE LMG 960 EP 2 is a high performance, semi-synthetic mining grease.

RENOLIT LUBRENE LMG 960 EP 2 exhibits excellent anti-wear and load carrying capacity. It is recommended for the lubrication of slow speed anti-friction bearings, pin and bushes, universal joints, axles etc.

RENOLIT POLIPLEX 2

Part No. 1812

Pack Sizes ■ 450g ■ 55kg ■ 20kg ■ 180kg

The RENOLIT POLIPLEX Series are lithium complex thickened greases that represent the most advanced lubricating technology.

They are formulated for conditions of extreme pressure and temperature but are also ideal for general purpose applications. To increase the adhesiveness and film strength of RENOLIT POLIPLEX Series, they are manufactured with state of the art polymers. They also incorporate specially selected mineral oils, extreme pressure, anti-wear, rust and corrosion additives that gives them the performance properties to properly lubricate today's modern equipment.

RENOLIT CXI 2

Part No. 4143

Pack Sizes ■ 450g ■ 20kg ■ 55kg ■ 180kg

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.

A heavy duty calcium sulphonate complex grease with particularly good working stability and corrosion protection, even in the presence of salt water. Excellent EP Performance, NLGI 2, -20°C to +160°C.

GREASES

CEPLATTYN 300

Part No. 1227

Pack Sizes ■ 400g ■ 15kg

CEPLATTYN 300 is a high graphite containing adhesive lubricant based on a carefully selected solvent raffinate and contains EP additives and tackiness improvers. Free of bitumen, heavy metals and solvents.

Specifications

- N/A

Approvals

- Sandvik Machinery

Recommendations

- N/A

RENOLIT DTG BLUE

Part No. 4891

Pack Sizes ■ 20kg

RENOLIT DTG BLUE is a Drill Thread Grease (DTG) which has been specially formulated to protect threaded connections from wear, seizing and galling.

Blue in colour, RENOLIT DTG BLUE utilises a market-leading thickener system which assists with the prevention of wear and enhances the releases properties, and provides excellent water resistance.

RENOLIT HI-TEMP 220

Part No. 4330

Pack Sizes ■ 450g ■ 20kg ■ 170kg

RENOLIT HI-TEMP 220 is a fully synthetic special lubricating grease with lithium complex soap.

RENOLIT HI-TEMP 220 is a fully synthetic special lubricating grease with lithium complex soap. RENOLIT HI-TEMP 220 has a low friction coefficient to reduce starting and running torque, and to improve its efficiency. It has excellent anticorrosion properties even under adverse environmental factors (moist, aggressive atmosphere and water). RENOLIT HI-TEMP 220 is very ageing resistant, resists high thermal loads, is work stable and water resistant.

RENOLIT XTB 2

Part No. 4095

Pack Sizes ■ 450g ■ 500g ■ 2.5kg ■ 20kg ■ 55kg ■ 180kg

RENOLIT XTB 2 is suitable for a variety of automotive applications, including wheel bearing and general chassis lubrication.

RENOLIT XTB 2 is a blue coloured lithium complex grease which has been formulated to provide improved oxidation, wear protection and corrosion resistance compared to conventional greases.

RENOLIT EP RANGE

RENOLIT EP 0 - 1954
 RENOLIT EP 00 - 1955
 RENOLIT EP 1 - 1956
 RENOLIT EP 2 AU - 1957

Pack Sizes ■ 20g ■ 175kg

Pack Sizes ■ 20g ■ 175kg

Pack Sizes ■ 20g ■ 180kg

Pack Sizes ■ 450g ■ 2.5kg ■ 20kg ■ 55kg ■ 180kg

The RENOLIT EP range are multi-purpose lithium soap based greases for general purpose lubrication and automotive chassis points.

RENOLIT EP 0 and 00 are semi-fluid 'self-levelling' industrial grease with extreme pressure additives for severe service and high load applications. RENOLIT EP 0 and 00 are self-sealing and the non-drip characteristic forms a protective seal preventing ingress of contaminants.

RENOLIT EP 1 is recommended for slow running and normal speed highly stressed plain and roller bearings.

RENOLIT EP 1 is based on lithium 12 hydroxy-stearate, high viscosity mineral oils and extreme pressure (EP) additives that are free of heavy metal compounds. RENOLIT EP 1 has good EP properties and protects against corrosion. It has resistance to oxidation and suitable for applications in shock load lubrication.

RENOLIT EP 1 is easily pumpable.

RENOLIT EP 2 AU is recommended for the lubrication of automotive chassis points. RENOLIT EP 2 AU is a multi-purpose lithium 12 hydroxy-stearate grease, containing extreme pressure, anti-corrosion and anti-oxidation additives to maximise performance under low to medium temperature applications.

RENOLIT EP 2 AU has good EP properties and protects against corrosion. It has resistance to mechanical shear and suitable as a multi-purpose grease for applications in shock load lubrication.

RENOLIT LXEP 2

Part No. 4057

Pack Sizes ■ 120g ■ 450g ■ 20kg ■ 55kg ■ 180kg

RENOLIT LXEP 2 is a multi-purpose grease based on lithium complex soap containing EP additives and agents to improve wear protection, oxidation resistance and corrosion protection.

RENOLIT LXEP 2 can also be applied for high temperature and long lasting general lubrication applications operating under severe conditions. It is also recommended for applications where extended greasing intervals are required. RENOLIT LXEP 2 has good EP properties and protects against corrosion. It is a shear stable product suitable for long-term lubrication. It can be used for a wide temperature range of up to 180°C for short periods.

RENOLIT LEP 2 HD

Part No. 3421

Pack Sizes ■ 450g ■ 20kg ■ 180kg

RENOLIT LEP 2 HD 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.

RENOLIT LEP 2 HD provides excellent stay-in-place properties which makes the grease particularly suitable for Mining, Automotive and Industrial equipment applications operating under arduous conditions.

GREASES

RENOLIT LXMO 2

Part No. 1958

Pack Sizes ■ 450g ■ 2.5kg ■ 20kg ■ 55kg ■ 180kg

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 such as truck turntables.

RENOLIT LXMO 2 is a highly effective EP grease with good anti-wear properties for the industrial and automotive industries. The product contains lithium soap, high viscosity mineral oil and fine solid lubricants. RENOLIT LXMO 2 contains fine molybdenum disulphide providing stability and excellent protection against wear. It also offers corrosion protection, good adhesion on metals and resists oxidation.

GLEITMO 805

Part No. 2815

Pack Sizes ■ 500g ■ 1kg ■ 5kg

GLEITMO 805 is a high performance grease paste based on a synthetic oil with a synergetically effective combination of highly effective white solid lubricants.

GLEITMO 805 can be used for machine elements of all types, simultaneously subject to extreme pressures, shock loads and vibratory or oscillatory movements. For paired sliding surfaces which have a tendency to stick-slip and seizure. For low sliding speeds and high pressures, if fretting corrosion occurs. GLEITMO 805 is particularly suitable for the lubrication of lathe chucks and clamping elements. Further typical applications: plastic gears, gaskets of industrial shock suppressors, spindles, big armatures, sliding guides, sliding bearings, oscillating bolts of construction machinery, ball joints, low-speed worm gears, etc.

LAGERMEISTER XXL

Part No. 3823

Pack Sizes ■ 240g ■ 500g ■ 15kg

LAGERMEISTER XXL is an all-round grease, based on an especially selected mineral oil in combination with a special polyurea to achieve its consistency. LAGERMEISTER XXL additionally contains a high-tech additive package providing the grease with excellent pressure resistance and ageing stability.

LAGERMEISTER XXL can be used for lubrication of heavy-loaded plain and roller bearings in any kind of industry, as well as in all types of construction machinery, especially when subjected to severe operating conditions like high loads and elevated temperatures. Typical areas of application for LAGERMEISTER XXL are electric motors, vibrating screens, and crushers. LAGERMEISTER XXL can be used as a universal grease in areas, where currently lithium- or lithium-complex soap greases are used. In these cases, LAGERMEISTER XXL offers the advantage that the relubrication intervals can often be considerably increased.

LAGERMEISTER WHS 2002

Part No. 2735

Pack Sizes ■ 400g ■ 500g ■ 5kg ■ 15kg

LAGERMEISTER WHS 2002 is a mineral oil based, lithium soap, EP grease. The products' excellent lubricity is achieved by the use of teflon, a careful selection of solid, white lubricants and heavy metal-free additives.

Due to its excellent adhesion and EP properties, LAGERMEISTER WHS 2002 is recommended for the lubrication of plain and roller bearings operating in harsh conditions (eg water, dust, vibration etc). LAGERMEISTER WHS 2002 FLUID is specially recommended for the lubrication of telescopic jibs on mobile cranes. It can also be used to protect steel cables as well. Also suited for the lubrication of plastic bearings fitted to telescopic crane turntables. Likewise for manual or central re-greasing operations on construction machines and cranes and in the raw material processing, chemical and engineering industries.

CEDRACON SL

Part No. 2443

Pack Sizes ■ 400ml ■ 20L ■ 220L

CEDRACON SL is a low viscous wire rope lubricant and corrosion preventative, containing a carefully balanced mixture of mineral oil, penetrating fluid and colloidal graphite.

CEDRACON SL is recommended for the lubrication of wire ropes subject to extreme temperature fluctuations and mechanical stresses, for example, in mining and the chemical industry.

COOLANTS

FUCHS Lubricants' range of coolants are designed to perform in the most demanding engines and provide the only the best protection against frost, overheating, corrosion and cavitation.

We provide solutions that range from Monoethylene Glycol to Propylene Glycol and from Hybrid to Silicated Organic Acid Technologies

Choosing the right coolant is critical in ensuring that the cooling system performance and integrity is Maintained.

Our range of heavy duty and light commercial coolants are free of amines and phosphates.



CLEANING PRODUCTS

RENOCLEAN HEAVY WASH

Part No. 4520

Pack Sizes ■ 5L ■ 20L ■ 205L ■ 1000L

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 HEAVY WASH is biodegradable and free rinsing. It is suitable for pressure washers and automated washing systems. This product was specifically developed not to streak and is suitable for use on side curtains of trailers and all fabrics found in the transport and marine environments.

RENOCLEAN HEAVY WASH is primarily used to wash trucks, trailers, cars, boats, coaches and mining equipment. It has also proven very effective as a floor and laundry cleaner (especially on greasy clothing).

RENOCLEAN HEAVY WASH contains corrosion inhibitors to protect surfaces from rusting and does not contain caustic chemicals. It leaves paintwork shiny and streak-free when used as directed. This product is economical to use and can be used across a broad range of dilution to control performance and cost.

RENOCLEAN ORANGE - HANDWASH

Part No. 4889

Pack Sizes ■ 5L ■ 20L

RENOCLEAN ORANGE is 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 natural citrus, lanolin and coconut oils found in RENOCLEAN ORANGE help replenish dry cracked skin whilst leaving the skin feeling and smelling refreshed.

RENOCLEAN ORANGE provides a rich creamy lather when worked into the hands. While being gentle on the hands, the natural pumice within RENOCLEAN ORANGE provides 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 to an office washroom or even at home.

RENOCLEAN BRAKE CLEANER

Part No. 4636

Pack Sizes ■ 20L

RENOCLEAN BRAKE CLEANER is a highly effective cleaner for brakes and drive chains. Effectively removes dirt, dust, grease, oil and brake fluid from brake discs, callipers and drums, and removing heavy residues and deposits from chains.

RENOCLEAN DEGREASER 9110

Part No. 2125

Pack Sizes ■ 300g Aerosol ■ 4L ■ 20L ■ 205L ■ 1000L

RENOCLEAN DEGREASER 9110 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 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 ECOSOLVE

Part No. 3919

Pack Sizes ■ 20L ■ 200L ■ 1000L

RENOCLEAN ECOSOLVE is a biodegradable, water-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 ECOSOLVE is highly effective for removing most soils including dirt, mud, grime, oil and soot. The quick-break property of RENOCLEAN ECOSOLVE ensures that emulsified grease and oil separate in a grease trap, allowing the resultant layers to be treated, recycled or disposed.

RENOCLEAN PARTSWASH

Part No. 2419

Pack Sizes ■ 20L

RENOCLEAN PARTSWASH 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 PARTSWASH is suitable for heavy duty degreasing operations where a versatile solvent based cleaner is required. It does not effect any common metals. For industrial partswash units where water rinsing is not desirable due to the incidence of flash rusting on parts.

RENOCLEAN PARTSWASH is low in odour, making it pleasant to use.

RENOCLEAN PARTSWASH is insoluble in water.

RENOCLEAN NUSORB

Part No. 1709

Pack Sizes ■ 14kg

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.

RENOCLEAN NUSORB resists leaching and will not constitute a hazard when oil soaked material is disposed through landfill. The product is non-flammable and through a special calcining process retains its structure even on prolonged contact with mineral or aqueous liquids.

SPECIALTY PRODUCTS

RENOCLEAN AIR HOLD-DOWN

Part No. 4920

Pack Sizes ■ 20L ■ 1000L

RENOCLEAN AIR is a dust suppressant designed to improve visibility and air quality, lower maintenance costs and reduce water consumption.

Designed for dilution into water-based applicators.

Combination of natural binding and wetting agents. On evaporation of the diluent water, the residues bond particles together to hold dust down. Additionally, the product has a humectant property that helps retain latent moisture.

ROCKDRILL SERIES

ROCKDRILL 150 - 1964

Pack Sizes ■ 10L ■ 20L ■ 205L ■ 1000L

ROCKDRILL 320 - 1965

Pack Sizes ■ 5L ■ 10L ■ 20L ■ 205L ■ 1000L

ROCKDRILL 460 - 4916

Pack Sizes ■ 20L

ROCKDRILL MA 320 - 4871

Pack Sizes ■ 20L ■ 1000L

A mineral oil based heavy duty rock drill and hammer lubricant. Special lubricant for pneumatic hammers and pneumatic driven tools. Contains selected molybdenum-disulfide components which form at severe working conditions and intermediate loads a stable lubricating film and stable anti wear layers. Special surface active additives improve the surface adhesiveness and the surface wetting properties over a wide temperature range.

ROCKDRILL series oils are specially formulated to lubricate the rotation gears on hydraulically powered machines and pneumatically powered rock drilling machines.

ROCKDRILL is a range of mineral oil based products compounded with extreme pressure, anti-rust, anti-wear and anti-fogging additives to provide high film strength oils to lubricate all moving surfaces.

ROCKDRILL lubricants contain, as a first and unique feature in the drilling industry, additives designed to substantially reduce failure of drill bits due to the impact of humidity and high operating pressures causing seizure.

ROCKDRILL oils are available in ISO viscosity grades 150, 320 and 460, plus an ISO VG 320 with molybdenum disulfide for more demanding applications.

PLANTO DRILLSAFE

PLANTO DRILLSAFE 100 - 1798

Pack Sizes ■ 1L ■ 5L ■ 20L

PLANTO DRILLSAFE 150 - 3216

Pack Sizes ■ 20L

PLANTO DRILLSAFE 320 - 2387

Pack Sizes ■ 20L

A rapidly biodegradable air line lubricant for use with pneumatic tools.

PLANTO DRILLSAFE SERIES is a multi-grade lubricant based on natural vegetable esters that are harvested in Australia. The PLANTO range of lubricants was developed to meet the requirements of modern mining, heavy engineering, agricultural, forestry and construction industries.

ADDITIVES

We have developed a premium range of engine and fuel treatments using Australia's most advanced additive technology, specifically formulated to increase performance, maintain reliability and restore normal vehicle operation.

COMPRESSOR OILS

RENAIR SERIES

RENAIR 32 - 1909
 RENAIR 46 - 1910
 RENAIR 68 - 1911
 RENAIR 100 - 1907
 RENAIR 150 - 1908

Pack Sizes ■ 205L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L

RENAIR oils are compressor oils blended from solvent refined mineral oils and containing additives to reduce wear and oxidation.

RENAIR oils are recommended for oil lubricated air compressors including Rotary Screw, Reciprocating and certain types of Rotary Vane Compressors. The exceptional resistance to thermal decomposition also enables this range to provide quality performance as a heat transfer oil in both enclosed and cold expansion systems. Suitable for use as a heat transfer oil in closed circuit systems at temperatures up to 300°C.

RENOLIN COOL +

Part No. 4635

Pack Sizes ■ 20L ■ 205L

New generation air compressor fluid for oil-injected / oil-flooded screw compressors. For extremely severe working conditions (high discharge temperature, high ambient temperature). Based on hydrotreated mineral oils. Excellent oxidation and thermal stability. Prevents sludge formation. Extended oil lifetime / oil-change intervals. Fulfills also DIN 51506 VDL requirements.

RENOLIN UNISYN OL SERIES

RENOLIN UNISYN OL 32 - 4594
 RENOLIN UNISYN OL 46 - 4619
 RENOLIN UNISYN OL 68 - 4677
 RENOLIN UNISYN OL 150 - 4714

Pack Sizes ■ 205L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L ■ 205L ■ 1000L
 Pack Sizes ■ 20L

Fully-synthetic cooling oils for screw, vane and piston compressors based on polyalphaolefins with excellent oxidation stability, good wear protection, outstanding demulsification and excellent viscosity-temperature behaviour. High viscosity index. Excellent air release. Allow service intervals to be extended.

RENOLIN UNISYN OL 32, 46 and 68 have especially been developed for the use in oil injected screw compressors and in turbo compressors. RENOLIN UNISYN OL 100 and 150 are recommended in particular for long-term use in piston and rotary compressors that must meet the strict requirements for low residue formation according to DIN 51506 VDL.

RENOLIN UNISYN OL fluids can also be used as hydraulic fluids according to DIN 51524 H(V)LP. Excellent results in the Vickers Vane Pump Test with RENOLIN UNISYN OL 46. Extreme wear protection guarantees a long lifetime of the components.

RENOLIN SYNAIR 46

Part No. 4328

Pack Sizes ■ 10L

RENOLIN SYNAIR 46 is a high performance synthetic air compressor fluid.

Specifically developed for rotary screw air compressors to provide extended long oil drain intervals beyond 12,000h (at discharge temperatures of 85°C) of interruption-free operation. 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", low foaming and long-life lubrication properties that are a requirements of modern air compressors.

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TECHNOLOGY.
PEOPLE.**



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