

CADL

Caribbean Automotive Distributors Ltd.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

MOVING YOUR WORLD!



RANGE OF INDUSTRIAL LUBRICANTS



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

MOVING YOUR WORLD

**Engineered for
the long haul**

**PROTECT
YOUR EQUIPMENT!
SAVE MONEY!**



Exceptional Quality Made Affordable



German Technology at its Finest

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**LUBRICANTS.
TECHNOLOGY.
PEOPLE.**



MOVING YOUR WORLD!

FUCHS focuses consistently on high-quality lubricants and related specialties. FUCHS develops innovative and holistic solutions for a wide variety of applications.

INDUSTRIAL OILS

Industrial lubricants have an important task in the generation and transmission of energy, in the reduction or transmission of drive forces, in the deployment of machine tools, when generating cooling air or compressed air and for many other applications in production. FUCHS industrial lubricants can make a significant contribution to achieving higher productivity, improving efficiency and saving energy, for example in hydraulic systems, gear units and many other applications. Furthermore, rapidly biodegradable lubricants from FUCHS present a real alternative to hydrocarbon-based lubricants.

**FOOD GRADE LUBRICANTS
ALSO AVAILABLE FOR THE
FOOD PROCESSING INDUSTRIES.**

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. RENOLIT industrial lubricating greases are a balanced and complete package offering the ideal technical and economical solution in the largest possible number of lubricating grease applications in industry

**FOOD GRADE GREASES ALSO
AVAILABLE FOR THE FOOD
PROCESSING INDUSTRIES.**

CUTTING FLUIDS

Today, a modern cutting fluid is subjected to a variety of demands. Cooling lubricants for metalworking processes must be effective, economical and free from ingredients that are harmful to health and the environment. In process chains downstream of metalworking, customized cleaning agent solutions and process compatible and reliable corrosion preventatives play a decisive role when it comes to production reliability and product quality. That's why optimally matched lubricant concepts are important – because all process steps must be taken into account. With its comprehensive range of lubricants and its many years of application experience, FUCHS understands the processes of its customers like no other lubricant manufacturer.

QUENCHING PRODUCTS

Fluids are highly important in the area of heat treatment in particular: the required microstructure compositions and degrees of solidity can only be achieved with the right quenching medium. An altered quenching characteristic has a direct effect on the hardened microstructure, on the properties of the material and thereby also on its later deployment. Place your trust in a partner that understands the full heat treatment process, that uses that knowledge to advise you and provides you with system solutions – to your benefit.

CLEANER & DEGREASERS

When manufacturing metal products, all materials that have a negative impact on the subsequent production steps or disrupt the later use of the metallic object must be removed from the surfaces. In addition to an extensive consulting, FUCHS offers everything from a single source. Perfectly matched products together with a comprehensive spectrum of industrial cleaners ensure a high level of process safety by avoiding product incompatibility as well as delivering excellent performance in virtually all cleaning processes.

CORROSION PREVENTIVES FORMING LUBRICANTS

Corrosion protection measures must be optimally compatible with upstream process steps and the products used there. Our recommendation: the compatible ANTICORIT corrosion protection products. A wide range of film types is available, from oily to vaseline-type or waxy films. If no film is desired, we solve your corrosion protection problems with our complete VCI range comprising papers, foils, tablets, foams and many other special solutions. RENOFORM

DIESEL ENGINE OILS FOR TRUCKS, AGRICULTURAL AND HEAVY CONSTRUCTION EQUIPMENT; INDUSTRIAL & MARINE ENGINES

TITAN CARGO MAXX 10W-30 and CARGO MAXX II 10W 40

Premium MAXX Performance Engine oil specially developed for vehicles with modern exhaust after treatment and turbocharger. Specially developed for use in modern EURO VI commercial vehicles with exhaust after treatment systems. Offer first class protection over the entire drain interval. Suitable for the longest drain intervals of various manufacturers.

Approvals:

CARGO MAXX 10W 30

- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MAN M 3477
- MAN M 3677
- MB-APPROVAL 228.31 / 228.51
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- SCANIA LA
- VOLVO VDS-4.5

Specifications:

CARGO MAXX 10W 30

- ACEA E9 /E7 /E6
- API CK-4 /SN
- CAT ECF-3

Approvals:

CARGO MAXX II 10W 40

- CUMMINS CES 20081/ 20086
- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MAN M 3775
- MB-APPROVAL 228.31 / 228.51/ 228.52
- MTU DDC TYPE 2.1
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- SCANIA LA
- VOLVO VDS-4.5

Specifications:

CARGO MAXX II 10W 40

- ACEA E11 / E9 /E7 /E6 / E4
- API CK-4 /CJ-4

- CAT ECF-3
- JASO DH-1 / DL-0
- JASO DH-2

AVAILABLE SIZE : 20L PAIL;
205L DRUM AND 1000L IBC



TITAN TRUCK PLUS 15W-40 and TITAN TRUCK PLUS 20W-50

Super High Performance Engine oil for a variety of diesel and gasoline engines. Specially for highly-loaded commercial vehicle diesel engines. Suitable for poor quality diesel fuel with high sulfur content.



AVAILABLE SIZE :
5L CAN;
20L PAIL;
205L DRUM AND
1000L IBC

Advantages & Benefits:

- Excellent wear protection even under high continuous stress.
- Protection from corrosion even when used with diesel fuels with high sulfur content.
- Sludge is prevented during extraordinarily high thermal loads as well as in stop and go driving.

Approvals: TRUCK PLUS 15W 40

- CUMMINS CES 20076/7/8
- DETROIT DIESEL 93K215
- DEUTZ DQC III-18
- MACK EO-N
- MB- APPROVAL 228.3
- MTU DDC TYPE 2
- RENAULT RLD/RLD-2
- VOLVO VDS-3

Approvals :TRUCK PLUS 20W 50

- MB 228.3

Specifications:

TRUCK PLUS 15W 40

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

Specifications:

TRUCK PLUS 20W 50

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

RENOLIN B15 VG 46 and RENOLIN B20 VG68 HYDRAULIC FLUIDS

The Renolin B oils are mineral oil based hydraulic fluids according to DIN 51524-2 (demulsifying, zinc-containing) and lubrication oils according to DIN51517. High quality additives improve the ageing and oxidation stability. They also guarantee excellent corrosion protection properties (steel and iron materials). Additives also protects Copper / Yellow metal materials. Mild EP additives protect hydraulic pumps, motors and machine components from wear under high loads at high or low temperatures.



Advantages:

- Excellent demulsibility.
- Very good corrosion protection—steel
- Good corrosion protection—copper
- High ageing stability / high oxidation stability.
- Good AW (anti wear) protection.
- Very good hydrolytic stability.
- Excellent filtration behavior (dry, wet).
- Low foaming.
- Excellent air release.

Specifications:

- DIN51524-2: HLP
- ISO 6743 -4:HM
- DENISON HF 1, HF 2, HF 0
- VICKERS 1286-S, M 2950 -S
- CINCINNATI MACHINE P68, P69, P70
- US STEEL 127, 136

AVAILABLE SIZE : 20L PAIL;
205L DRUM

TITAN SUPERGEAR SAE 80W-90 and TITAN SUPERGEAR SAE 85W-140 GEAR OILS

Ultra High Performance Gear oil for extended oil change intervals. A universal gear oil that can be used in manual transmissions and axle gearboxes in both passenger cars and commercial vehicles.



Advantages:

TITAN SUPERGEAR SAE 80W-90 and TITAN SUPERGEAR SAE 85W-140

- Provides good cold flow properties. This supports easy cold starting and easy shifting in the warm-up period.
- Improved lubrication and excellent protection against wear even during short distances.
- Creates stable lubricant film capable of withstanding severe loads.
- Protects against rust and attacking of non-ferrous metals.
- Due to the significant shear stability, the oil remains within the viscosity range even during prolonged periods of use.

Specifications:

TITAN SUPERGEAR SAE 80W-90 and TITAN SUPERGEAR SAE 85W -140

- API GL-4 / GL-5

Approvals:

TITAN SUPERGEAR SAE 80W-90

- EVOBUS 26.000-025
- MAN342 TYPE M2
- ZF TE-ML 05A, 12E ,17B, 19B, 21A (ZF000647)

Approvals:

TITAN SUPERGEAR SAE 85W-140

- EVOBUS 26.000-025
- ZF TE-ML 05A, 12E ,16D, 21A (ZF000650)

AVAILABLE SIZE :
20L PAIL;
205L DRUM

ANTICORROSION PRODUCTS

ANTICORIT BW 366

Anticorit BW 366 is a barium –free, high performance corrosion protection wax with a solvent. It produces a thick, touch resistant, long-term corrosion film. Provides excellent corrosion protection on semi finished parts, press-tools and moulds. Ideal for the long term preservation of vehicles and equipment for the construction and agricultural industries.



Advantages:

- Easy applied.
- Thixotropic product, doesn't run off.
- Thermally stable film.
- Excellent corrosion protection.

Specifications:

- ANTICORIT BW 366 is approved by MAN under M3082 TYP D2

**AVAILABLE SIZE: 400ML SPRAY CAN;
8KG PAIL AND 205L DRUMS**

ANTICORIT DFO 8101

Anticorit DFO 8101 is a barium-free corrosion preventive and dewatering fluid that produces a thin, oily film. It is used for corrosion protection of metal parts, tools, machine components, gears, motors and spare parts. The thin, oily film is compatible with all conventional motor and gear oils and does not have to be removed before installation or start up.



Advantages:

- Odourless.
- Intensive and improved dewatering.
- Good corrosion protection.
- Very good compatibility with many materials.

- Stable against acidic or alkaline contamination and is there especially suitable for use in the galvanizing industry for conservation and drying.

**AVAILABLE SIZE: 20L PAILS AND
205L DRUMS**

ANTICORIT SYNTH

Anticorit Synth is a Fully Synthetic multipurpose oil, with good lubrication properties.



Benefits / Features:

- Excellent penetrating properties.
- Frees rusted components.
- Protects against corrosion
- Displaces water.
- Simplifies assemble and disassembly operations.

AVAILABLE SIZE: 400ML SPRAY CAN

MULTIPURPOSE LUBRICATING & EXTREME PRESSURE GREASES

RENOLIT LX2

Multipurpose grease based on a lithium complex and mineral oil for Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses, wheel bearings for commercial vehicles



Application:

- Machinery, equipment.
- Automotive.
- Other Industries.

Temperature Range: -30 to +160 °C

AVAILABLE SIZE : 400g CATRIDGES;
18KG PAILS AND 180KG DRUMS

RENOLIT FLM 2

EP Grease based on a lithium soap and mineral oil, contains molybdenum disulphide. Used in mechanically loaded lubricating points. Suitable for Caterpillar bulldozers.



Application:

- Agricultural machines.
- Commercial vehicles.
- Heavy Construction equipment e.g. Caterpillar machinery.

- Quarry and mining equipment.
- Concrete plant equipment.

Temperature Range: -30 to + 140 °C

AVAILABLE SIZE : 400g CATRIDGES;
18KG PAILS AND 180KG DRUMS

RENOLIT FEP 2

Is a high-quality, aging resistant EP (Extreme Pressure) multi grease with excellent corrosion preventing properties based on lithium soap, selected base oils and active substances. Suitable for lubrication of mechanically and thermally stressed bearings in steel mill gantry cranes, wheel bearings, bulldozers and forging presses.



Advantages

- Good water resistance.
- Temperature stable
- Wear reducing
- Good adhesiveness

- Good sealing properties
- Excellent corrosion protection.
- Ageing resistant
- Good load carrying properties.

Temperature Range:

-20 to +140°C

AVAILABLE SIZE : 400g
CATRIDGES; 18KG PAILS AND
180KG DRUMS

RENOLIT GP 2

Is an ageing resistant multipurpose grease with good corrosion protection properties. Based on lithium soap and select mineral oils. Temperature Range: -30 to +120°C

Application:

- Used for lubrication of plain and roller bearings.
- Easily pumpable in central lubricating systems

AVAILABLE SIZE : 400g CATRIDGES; 18KG PAILS AND
180KG DRUMS

MULTIFUNCTIONAL GEAR OILS FOR CONSTRUCTION MACHINERY

TITAN UTTO WB

Ultra high performance multifunctional oil (UTTO / MFO) for use in transmissions/hydraulic systems with integrated wet brakes and / or wet clutches as well as axles and differential locks in construction and agricultural machinery.

TITAN UTTO TO-4 SAE 30

Super high performance multifunctional oil (UTTO/MFO) for use in transmission / hydraulic systems with integrated wet brakes and / or wet clutches as well as axles and differential locks in construction and agricultural machinery.



Approvals:

TITAN UTTO WB

- AGCO Q-1826 (WHITEFARM), POWER-FLUID 821 XL
- ALLISON C-4
- API-GL-4
- CASE MS 1210, 1209, 1207, 1206, 1205, 1204
- CATERPILLAR TO-2
- CNH MAT 3505, 3506, 3525

- FNHA-2-C-201.00
- FORD ESN M2C41-B, M2C53-B, M2C92-A, M2C134-D
- JOHN DEERE
- SB J20D
- KUBOTA UDT FLUID
- MASSEY FERGUSSON CMS M1145, 1141, 1135
- SAE J300: 10W-30
- ZF T-ML 031

Approvals:

TITAN UTTO TO-4 SAE 30

- ALLISON C-4
- ALLISON TES-439
- KOMATSU KES 07.868.1

Specifications:

TITAN UTTO TO-4 SAE 30

- API GL-4
- CAT TO-4



AVAILABLE
SIZE : 205 L
DRUMS

COMPRESSOR OILS

RENOLIN GOLDSCREW 46 AND RENOLIN GOLDSCREW 68

Outstanding high tech air compressor fluids with excellent oxidative and thermal stability, which allows oil lifetimes of up to 9000h. Universal air compressor fluids for oil injected screw, vane and piston compressors.



Approvals:

- Surpasses the requirements of DIN 51506:VDL.
- Corresponds to ISO 6743-3- DAJ
- Corresponds to several OEM requirements.

AVAILABLE SIZE : 20L PAILS AND
205L DRUMS



CTP M ECO UNIVERSAL DEGREASER

Environmentally friendly universal cleaner made from rapidly degradable raw materials.

Characteristics:

- very good oil and fat dissolving
- rapidly biodegradable
- halogen and phosphate free

CTP M ECO is usually diluted 1:4 with water, depending on dirtiness.

AVAILABLE SIZE : 5KG AND 30 KG
PAILS

TURBINE OILS

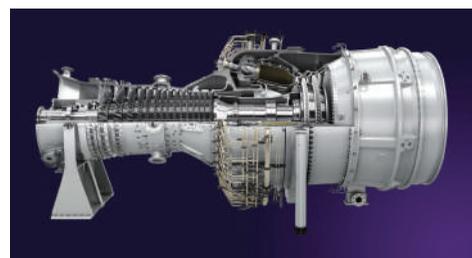
RENOLIN ETHERNA 32 / ETHERNA 46 AND ETHERNA 68

High Quality turbine oils developed for gas, steam and expansion turbines as well as for turbo compressors with and without gearboxes based on the latest lubrication technology.

Benefits / Advantages

- High thermal stability
- Good viscosity temperature behaviour.
- Rapid air release
- No foaming.
- Low pourpoint.
- Good wear protection, FE8 test pass excellent
- Excellent corrosion protection.
- Good water separation behaviour.
- Renolin Eterna range also meets and in many cases exceeds the requirements of:
 - DIN51515-1 (TDP) with and without gearbox
 - DIN15151-2 (TGP) with and without gearbox
 - DIN51524-2:HLP
 - GE GEK 28568A; GE GEK 32568J; GE GEK 101941A; GE GEK 107395A
 - SIEMENS TLV 901304/901305
 - ALSTOM HTGD 90117 V0001W
 - SIEMENS MAT 812109
 - MAN TURBO AG SP10000949596, GERMANY
- SOLAR ES 9-114 (CLASS I / CLASS II)
- MIL-PRF-17331J
- DIN 51517-2 (CL OILS: FZG ≥ 10)
- ISO 7624: PASS > 4,000h

AVAILABLE SIZE: 205L DRUMS



Specifications:

- Renolin Eterna 32/46 are approved by: Siemens Power Generation0

CUTTING FLUIDS & QUENCHING FLUIDS

ECOCUT 715 LE

A non-water-miscible coolant with a low oil mist index, a high-quality, chlorine free EP combination and polar lubrication improvers added.



Advantages:

- Greater safety because of higher flashpoint.
- Reduced consumption because low-misting and low evaporation.
- Reduced workshop pollution.
- Low aromatic content.
- Tried and tested formulations.

AVAILABLE SIZE: 20L PAILS & 205L DRUMS

ECOCOOL AFC 1515 LC

This is a boron free high-quality, water miscible cutting fluid. It can be used for machine steel cast iron, titanium and established aluminum alloys. By the use of special aluminum, a staining test should be done.

Advantages:

- Produces outstanding surface finishes.
- Optimum wetting, cooling and flushing performance.
- Good washing effect keep machines clean.
- Low foaming, Low misting
- Good filterability.
- Universally applicable for machining and grinding.

AVAILABLE SIZE: 20L PAILS & 205L DRUMS