

*moving things forward*

**PREMIUM LUBRICANT OIL**

**MINING AND QUARRY  
INDUSTRY**

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## **INTRODUCTION**

We provide a complete range of high quality marine lubricants that are designed to protect and enhance the efficiency of engines and equipment. All of our products are backed by our industry-leading technical support services and used oil testing services that enable optimal maritime operation.

Johnson Marine delivers the latest technology and state of oil Marine Grade Range. It covers main and minor grades of prevent quality.

## **QUALITY ASSURANCE**

Our Engines oils have excellent deposits and wear control and meets the demand of latest and highly rated engines designs as well as all other applications.

Our Two-Stroke engine oils range consist of system oil and known for low sulphur application

Our Four-Stroke engine oil offers different level of alkalinely-reserve and covers highly loaded engines at low lube oil consumption from distillate to heavy fuel operations.

We offer very high quality product range for ancillary machinery application a cooperation with one leading marine additive manufacturing, that is covering Hydraulic / Gear / Compressor / Turbine / Refrigeration / Grease, exclusive from Johnson.

## **SECTOR CHALLENGES**

At JOHNSON we have developed a wide range of lubricants that cover all the lubrication needs in the marine world, both for engines and the rest of machinery on board.

We provide our clients with marine oils for 2-stroke and 4-stroke technology propulsion engines, as well as all the other lubricants and greases used in the vessel's diverse machinery.

We also supply biodegradable oils (EALs) for equipment that may pollute its environment, as well as for vessels sailing in waters where international VGP standards must be complied with. You'll find them differentiated as follows:



# ***ENGINE OILS***



# ENGINE OILS

## 15W-40 API-CI-4-SL ULTRA 10000

**ULTRA 10000** engine oils are made with the best quality virgin base oils and advanced additive technology to provide great performance while protecting crucial engine components. It meets or surpasses API Service Categories CI-4 Plus, and older for API heavy-duty diesel engine oil. The product is especially well-suited for usage in emission-compliant engines with heavy EGR and exhaust after-treatment devices like Diesel Particulate Filters (DPFs) with or without Diesel Oxidation Catalysts (DOCs) and Selective Catalytic Reduction (SCR). They are especially suitable for use on heavy duty long-haul trucks, buses and off-highway and stationary equipment used in mining, construction and similar extreme heavy-duty applications, where an API CI-4 Plus level performance is required.

API: CI-4 / SL

SAE Grade: 15W40

### Meets & Exceeds:

- ACEA E4
- MB 228.50
- MAN - M3277/M3377
- SCANIA LDF-3
- DQC -IV-18
- CES 20077/78
- ECF-2 , MTU TYPE-3
- VOLVO VDS-3
- RENAULT RLD-2

## API-CF SAE-50 ULTRA 3000

**ULTRA 3000 SAE50** is a range of monograde oil formulated from advanced technology additive and base stock. It is specifically suitable for intercooled & turbocharged engines operating under varied conditions, on highway and off-highway. . ULTRA 3000 is best in Heavy goods vehicles in general transport, Construction and heavy earthmoving equipment, and Certain transmissions requirements for earthmoving equipment.

API: CF

SAE Grade: 50

### Meets & Exceeds:

- CCMC G4/PD-2
- MIL-L-46152/2104C
- CAT TO-2

## API-CF SAE-40 ULTRA 3000

**ULTRA 3000 SAE 40** engine oil is a multi-grade diesel engine oil manufactured with high quality base oils and balanced additive system. It delivers increased fuel efficiency and extends the engine's operational life. ULTRA 3000 engine oils developed for the lubrication of heavy goods vehicles used in general transport, earthmoving, quarrying and construction equipment as well as medium speed trunk piston engines burning distillate fuels with Sulphur content up to 1.0%.

API: CF

SAE Grade: 40

### Meets & Exceeds:

- CCMC G4/PD-2
- MIL-L-46152/2104C
- CAT TO-2



## **SAE-10W30 ULTRA**

**LASER 10W30** is designed with synthetic base oils and recommended additives technology to preserve full power and performance by providing excellent performance with or without turbo, in passenger cars and light duty commercial vehicles. It is designed specifically for use in naturally aspirated and light turbocharged diesel engines.

**API: CF**

**SAE Grade: 10W30**

### **Meets & Exceeds:**

- CCMC G4/PD-2
- MIL-L-46152/2104C
- CAT TO-2

## **API-CF-4 SAE-50 ULTRA 5000**

**ULTRA 5000 SAE 50** formulated using highly refined mineral base stocks and carefully selected additives package. The oil meets API CF/CD/SF criteria and provides significantly better varnish, oxidation, and EP properties. SAE 50 designed for commercial vehicles with diesel supercharged engines under severe conditions. These oils are also recommended for diesel engines of commercial vehicles and passenger cars, naturally aspirated petrol engines in accordance with OEM recommendation.

**API: CF-4**

**SAE Grade: 50**

### **Meets & Exceeds:**

- ACEA E2-96
- MB 228.1
- MAN -M271
- VOVLO - VDS
- MACK - EO/K



# ***TRANSMISSION OIL***



# TRANSMISSION OIL

## ULTRA 7000 API-CH-4 SAE 10W

**ULTRA 7000** transmission oil range of products has been formulated using high quality base oils and specially certified metallic and non-metallic friction modifying performance additives to meet the stringent criteria of the Caterpillar TO-4 specification.

**API: CH-4**

**SAE Grade: 10W**

### Meets & Exceeds:

- ACEA E5
- MB 228.30
- MAN M271
- VOLVO VDS-2
- JASO DH-1
- MACK EO-M PLUS
- CUMMINS CES 20078

## SAE 30 API-CF-4

It is high-quality universal mineral oil range is suitable for off highway transmissions, drive trains and hydraulic systems. They are recommended for Caterpillar, Case, Komatsu and other off road industrial equipment. Recommended for use in mainline diesel engines, road construction and quarry equipment from European and Russian manufacturers that require API CF-4 or lower.

**API: CF-4**

**SAE Grade: 30**

### Meets & Exceeds:

- ZF TE-ML 03C
- 07F, Approval ZF003472 (SAE 30)
- CATERPILLAR TO-4,
- ALLISON C-4 (SAE 10W and 30)
- KOMATSU KES 07.868.1

## SAE 50 API-CF-4

It is high-quality universal mineral Oil for power-shift gearboxes, clutches, and brakes, as well as end controls, crowns, and differentials, specially prepared to satisfy the needs of CATERPILLAR, ALLISON, and KOMATSU regulations (depending on SAE grade).

**API: CF-4**

**SAE Grade: 50**

### Meets & Exceeds:

- ZF TE-ML 03C
- 07F, Approval ZF003472 (SAE 30),
- CATERPILLAR TO-4
- ALLISON C-4 (SAE 10W and 30)
- KOMATSU KES 07.868.1

## SAE 60 API-CF-4

The oil is formulated with highly refined base stocks and performance additives To provide superior thermo oxidative stability, clutch friction compatibility, fluoroelastomer seal compatibility, enhanced protection against copper corrosion, reduced foaming to meet the Allison C-4 specification. It's also good for off-road construction, agricultural, and mining equipment, as well as automotive, industrial, mobile, and marine hydraulic systems, power steering units, and rotary screw compressors.

**API: CF-4**

**SAE Grade: 60**

### Meets & Exceeds:

- ZF TE-ML 03C
- 07F
- Approval ZF003472
- CATERPILLAR TO-4
- ALLISON C-4
- KOMATSU KES 07.868.1

## CVT FLUID SAE 10W30

Full Synthetic CVT Fluid is a cutting-edge product that is specifically made and manufactured for belt and chain-driven CVTs. Its innovative synthetic technology provides excellent anti-scurf and anti-wear protection, resulting in a long fluid and component life. This lubricant is also ideal for manual transmissions, wet clutch transmissions, and transmissions with wet brakes.

**SAE Grade: 10W30**

### Meets & Exceeds:

- CNH MAT 3540
- DEUTZ TTV
- JOHN DEERE AUTOPOWER
- MASSEY FERGUSON CMS
- M1143/DYNA VT
- CASE CVX
- STEYR : CVT



# TRANSMISSION OIL

## GL-5 80W90

**API GL-5 80W-90** is recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings, and suitable for use in manual transmissions.

**SAE Grade: 80W90**

### Meets & Exceeds:

- MIL-L-2105
- MAN 341, MB 235.10
- ZF TE-ML 01
- 02 and 08
- Massey Ferguson M1110
- JI Case MS 1210
- KOMATSU

## GL-5 80W140

**API GL-5 80W-140** is a high-performance lubricant designed for commercial vehicle axles and gears that must meet API GL-5 and SAE J2360 standards. This multi-use gear oil can be used within dumpers, wheel loaders, mobile excavators, tractor axles, planetary final drives and even in certain rail vehicles & bus transmission systems with multi-disc self-locking differentials.

**SAE Grade: 80W140**

### Meets & Exceeds:

- MIL-L-2105
- MAN 341
- MB 235.10
- ZF TE-ML 01
- 02 and 08
- Massey Ferguson M1110
- JI Case MS 1210

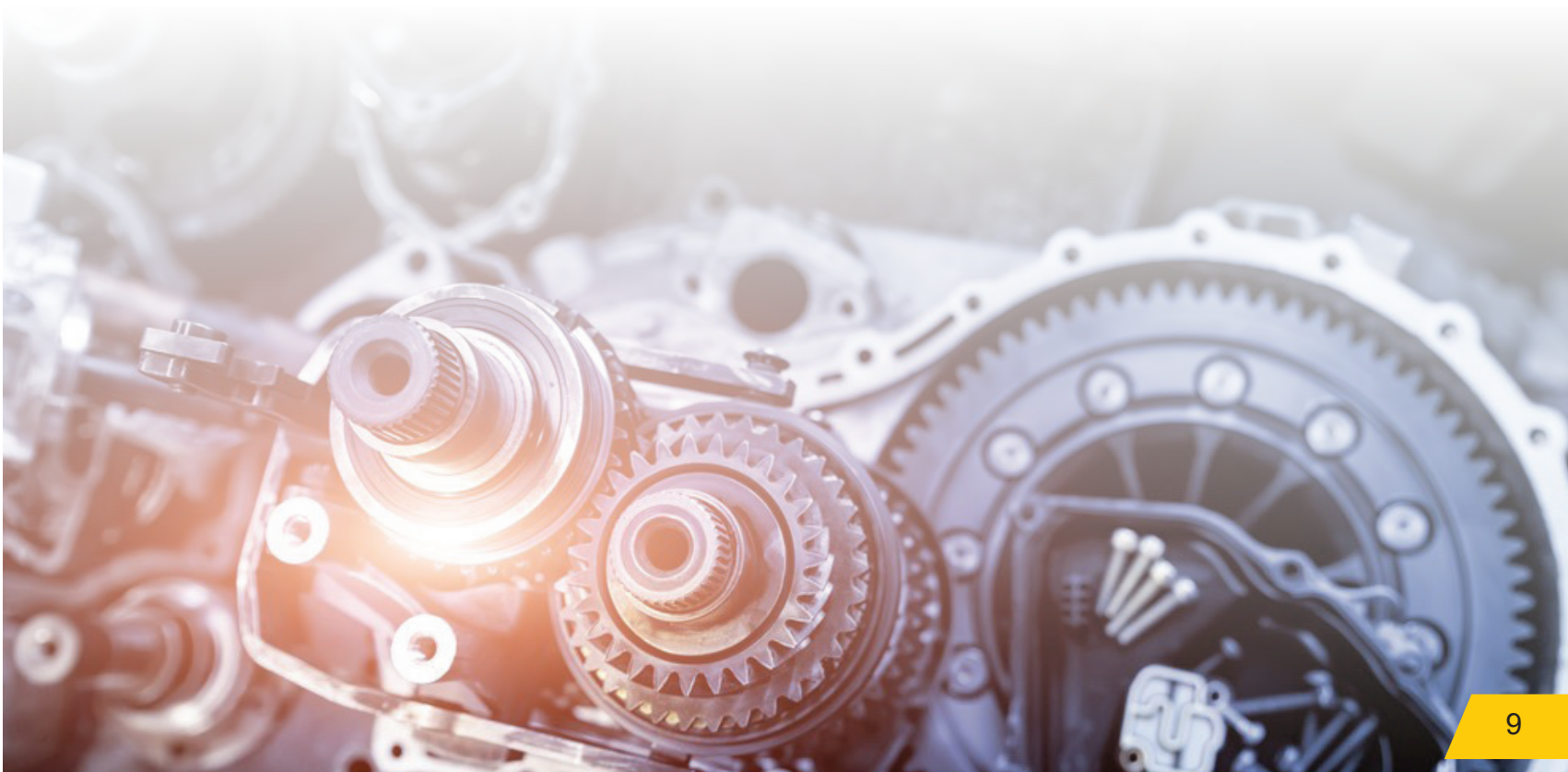
## UTTO SAE 60

**UTTO SAE 60** is a mineral oil-based universal tractor transmission oil with specially formulated additives. It provides enhanced wear resistance while also lowering noise. UTTO SAE 60 is recommended for shafts on construction and material handling vehicles, as well as gearboxes and transfer cases with wet brakes.

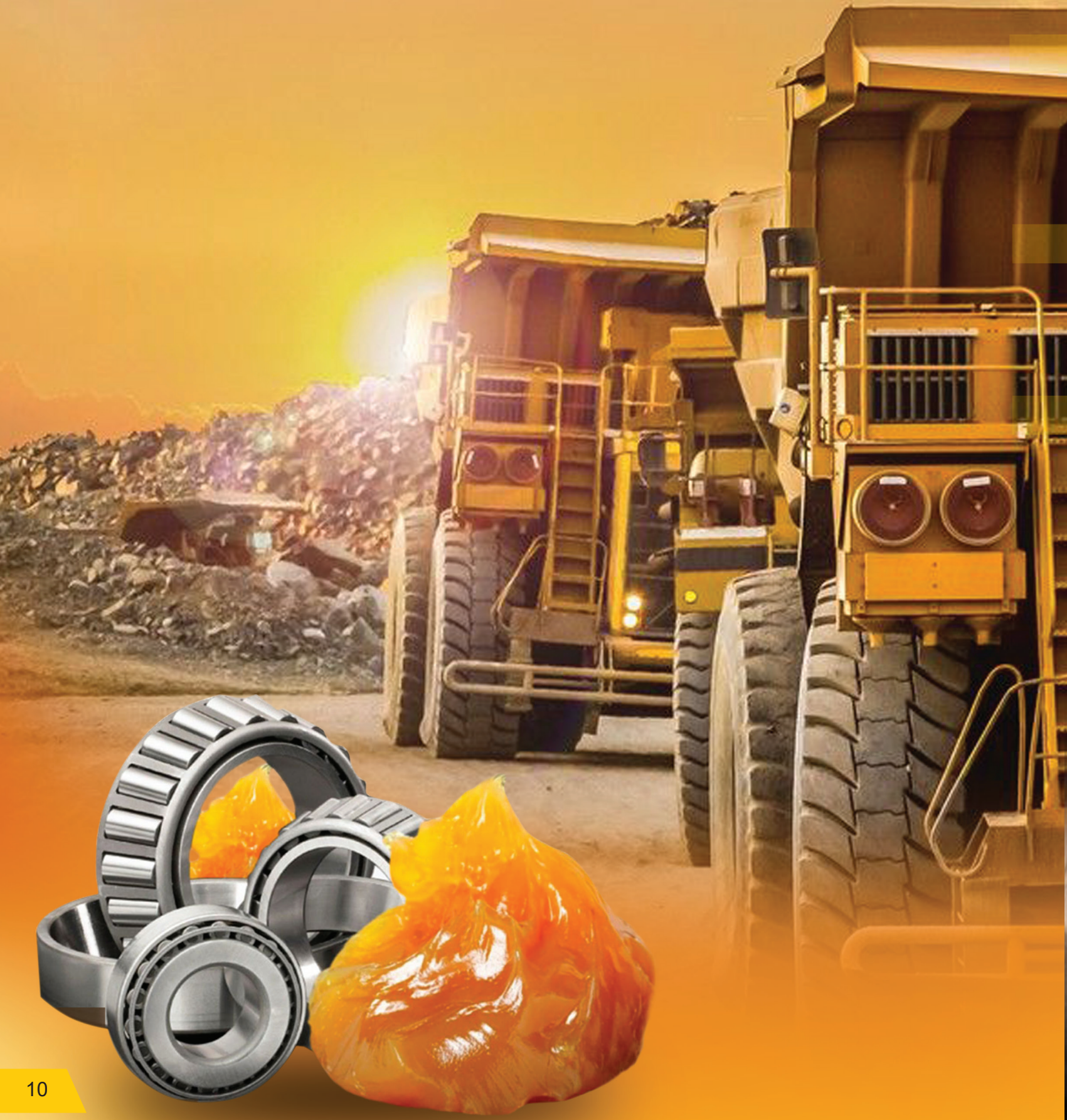
**SAE 60**

### Meets & Exceeds:

- MIL-L-2105
- MAN 341
- MB 235.10
- ZF TE-ML 01
- 02 and 08
- Massey Ferguson M1110
- JI Case MS 1210



# ***GREASES***



# GREASES

## ***XHV2 MOLY***

XHV2 MOLY is a multipurpose extreme pressure grease intended for the lubrication of a wide range of applications that operate at medium and slow speeds and must handle exceptionally large loads in wet, dusty, and/or dry circumstances.

### **Meets & Exceeds:**

- DIN 51502 KFP2N-20
- ISO 12924 XBDIB2

## ***EP 00***

EP 00 is developed specifically for the lubrication of closed gears, although it can also be utilized for chassis lubrication via a centralized system with NLGI 00 grade greases. It is recommended for Central lubrication systems found on trucks, off-road equipment used in agricultural and civil engineering, and MINING AND INDUSTRY

### **Meets & Exceeds:**

- DIN 51502 KFP2N-20
- ISO 12924 XBDIB2

## ***EP 2***

EP 00 grease is extreme pressure grease fortified with functional polymer and thickened Lithium Calcium soap, advanced extreme pressure, anti-oxidant, anti-rust and corrosion inhibitors additives. It is also suitable for heavy duty applications in mining, cement, power generation and steel plant applications where severe operating and climatic conditions are experienced.

### **Meets & Exceeds:**

- DIN 51502 KFP2N-20
- ISO 12924 XBDIB2

## ***EP 0***

EP 0 is a high-pressure lithium soap grease with oxidation, rust, and corrosion inhibitors that has outstanding EP qualities. EP is recommended for lubrication of plain and rolling element bearings in normal through heavy-duty industrial applications.

### **Meets & Exceeds:**

- DIN 51502 KFP2N-20
- ISO 12924 XBDIB2



# ***HYDRAULIC OIL***



# HYDRAULIC OIL

## HYDRO FLUID

**HYDRO FLUID** are formulated from severely hydro- processed base stocks with excellent stability. They are rust and oxidation resistant, and they include specific anti-foam that allows entrained air to be released quickly. HYDRAULIC OIL series are recommended for all kind of hydraulic circuits and civil works machines equipped with any type of pump, particularly working under high pressures.

**ISO Grade: AW 100, 22, 32, 46, 68**

### Meets & Exceeds:

- DIN-51524 Part 2
- HLP, ISO 6743/4 HM
- ISO 11158, PARKER
- DENISON HF-0
- HF-1 and HF-2
- AFNOR NF E 48-603 HL, HM



# ***GEAR OIL***



# GEAR OIL

## GEAR OIL

**GEAR OILS** are high performance commercial gear oils specifically formulated from selected base oil and advanced additive system to enhance performance whilst extending extreme pressure.

**ISO Grade: EP 100, 150, 320, 460, 68**

### Meets & Exceeds:

- DIN -51517 Part 3 CLP
- Flender (rev.13)
- ISO 12925-1 CKD
- GMA 9005-E02
- David Brown S1.53.101



# PACKAGING

## ENGINE OILS

PRODUCTS	BULK	IBC 1000L	DRUM 208 L	Container 20L	Container 4L	Container 1L
<b>15W-40 API-CI-4-SL ULTRA 10000</b>				●	●	●
<b>API-CF SAE-50 ULTRA 3000</b>				●	●	●
<b>API-CF SAE-40 ULTRA 3000</b>				●	●	●
<b>SAE-10W30 ULTRA</b>				●	●	●
<b>API-CF-4 SAE-50 ULTRA 5000</b>				●	●	●

## TRANSMISSION OILS

<b>ULTRA 7000 API-CH-4 SAE 10W</b>				●	●	●
<b>SAE 30 API-CF-4</b>				●	●	●
<b>SAE 50 API-CF-4</b>				●	●	●
<b>SAE 60 API-CF-4</b>				●	●	●
<b>CVT FLUID SAE 10W30</b>				●	●	●
<b>GL-5 80W90</b>				●	●	●
<b>GL-5 80W140</b>				●	●	●
<b>UTTO SAE 60</b>				●	●	●

## GREASES

PRODUCTS	DRUM 180 KG	BUCKET 18 KG	BUCKET 5 KG	BUCKET 1 KG	BUCKET 500 KG	BUCKET 250 KG
<b>XHV2 MOLY</b>	●	●	●	●	●	●
<b>EP 00</b>	●	●	●	●	●	●
<b>EP 2</b>	●	●	●	●	●	●
<b>EP 0</b>	●	●	●	●	●	●



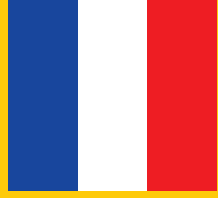
# PACKAGING

## HYDRAULIC OILS

PRODUCTS	BULK	IBC 1000L	DRUM 208 L	Container 20L	Container 4L	Container 1L
<i>HYDRO FLUID</i>			●	●		

## GEAR OIL

<i>GEAR OIL</i>			●	●		
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