

## PREMIUM Hydraulic Oil

### FULLY SYNTHETIC BIODEGRADABLE HYDRAULIC FLUID

#### Description

**PREMIUM Hydraulic Oil** is ultimate performance, fully synthetic, zinc-free, readily biodegradable hydraulic oil based on saturated synthetic esters (top-tier esters of the highest quality).

A special additive package delivers outstanding extreme pressure properties, thermal oxidation resistance, anti-wear and non-foaming control. Because of the high Viscosity Index **PREMIUM Hydraulic Oil** provides extremely wide operating temperature range and greater fluid stability. **PREMIUM Hydraulic Oil** allows for extremely long oil-change intervals "lifetime fill" resulting in cost effectiveness and CO<sub>2</sub> emissions reduction. Produced at viscosity classes 15/22/32/46/68/100.

#### Industry Performance Standards

- **HEES : ISO 15380**
- **EU Ecolabel** licence no. CZ/27/022
- Environmentally Acceptable Lubricants (EALs) **US EPA Vessel General Permit 2013** (VGP)

#### Areas of Application

**PREMIUM Hydraulic Oil** is designed to meet the **most demanding requirements** of hydraulic applications. **PREMIUM Hydraulic Oil** is particularly recommended for operations in environmentally sensitive areas (off-shore, marine, power plants, forestry, earth-moving, construction, agriculture, etc.)

Before changing over to **PREMIUM Hydraulic Oil** please enquire for our filling instructions.

**Note:** Cleaning function of **PREMIUM Hydraulic Oil** may loosen any deposits in the hydraulic system.

#### Characteristic features:

- Ultimate performance and anti-wear protection;
- Outstanding thermal oxidation stability;
- Wide operating temperature range, very low pour point;
- Extremely long oil-change interval, often used as a "lifetime fill";
- Neutral to seal materials and elastomers;
- Non-toxic, readily biodegradable, CO<sub>2</sub> emissions reduction;
- EU Ecolabel Certificate of Environmental Excellence

Ministry for Primary Industries  
Manatū Ahu Matua



CZ / 27 / 002

#### TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	PREMIUM ISO VG 32	PREMIUM ISO VG 46	PREMIUM ISO VG 68
Density at 15 °C	kg/m <sup>3</sup>	ISO 12185	915	908	911
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	32	46	68
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	7,5	9,5	13,1
Viscosity Index			191	196	197
Pour point	°C	ASTM D97	<-50	<-50	<-50
Flash point, COC	°C	ASTM D92	>300	>300	>300
Biodegradability (within 21days)	%	CEC-L-33-A-93	>90	>90	>90

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