

# Technical Data Sheet



## Divinol Bio-Hydraulik

### Product description

- on basis of synthetic, biodegradable saturated ester as well as powerful eco-friendly additive combinations
- offers excellent oxidation stability, corrosion and low temperature properties as well as EP behaviour
- due to its high viscosity index the product covers the ISO-VG classes from 32 to 68
- awarded with the EU Ecolabel, registration number UK/027/010
- Biodegradability: The limit value according to OECD 301 B was reached within 28 days

### Specification

- exceeds DIN ISO 15380 HEES
- VDMA 24568
- DIN 51524-2 excluding wet test DIN EN ISO 4263-1
- DIN 51524-3 excluding wet test DIN EN ISO 4263-1
- Swedish Standard SS 155434
- Ecolabel Euromargerite
- Austrian Ecolabel

### Characteristics

Colour / Appearance:	clear, yellow
Density/15°C / DIN EN ISO 12185:	930 kg/m <sup>3</sup>
Viscosity/0°C / ASTM D 7042 :	380 mm <sup>2</sup> /s
Viscosity/40°C / ASTM D 7042 :	46 mm <sup>2</sup> /s
Viscosity/100°C / ASTM D 7042 :	8 mm <sup>2</sup> /s
Viscosity index / ASTM D 2270 :	146
Flash point (Cleveland) / DIN ISO 2592:	280 °C
Pour point / DIN ISO 3016:	-36 °C
Corrosion effect on copper / DIN EN ISO 2160:	1b

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Water hazard class, concentrate:

not hazardous to water

### Application

**Divinol Bio-Hydraulik** can be used without any problems for hydraulic systems in the forestry and construction or machine industry in environmentally sensitive areas. Among others, **Divinol Bio-Hydraulik** is suitable for:

- Harvesters and other forest machinery
- Excavators and trucks for example in water protection areas
- Fork lifts, telescopic handler or cranes
- Compressors
- in the water industry for weir hydraulics

Should **Divinol Bio-Hydraulik** be filled into a hydraulic system in which mineral hydraulic oil was previously used, any deposits in the hydraulic system may dissolve. Before using **Divinol Bio-Hydraulik** rinse the hydraulic system and empty it completely - do not mix with mineral hydraulic oil. When changing to biodegradable hydraulic fluids, please regard the requirements of the VDMA 24569 as well as the instructions of the machine manufacturers.

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