

Technical Data Sheet

Divinol DHG ISO 46

Product description

- detergent and disperse hydraulic and gear oil
- with excellent lubricating effect
- with high aging resistance
- with excellent wear and corrosion protection
- due to its additivation also suitable as gear oil
- zinc-containing

Specification

- overlaps the application field of HLP-alloyed oils (HLP-D-alloyed)
- exceeds the requirements for hydraulic oils according to DIN 51 524 part 2, HLP (except for demusibility)

Characteristics

Colour / DIN ISO 2049:	lighter 2.5
Density/15°C / DIN EN ISO 12185:	870 kg/m ³
Viscosity/40°C / ASTM D 7042 :	46 mm ² /s
Viscosity/100°C / ASTM D 7042 :	6.9 mm ² /s
Viscosity index / ASTM D 2270 :	114
Flash point (Cleveland) / DIN ISO 2592:	> 210 °C
Pour point / DIN ISO 3016:	<= -24 °C
Water content / DIN 51 777/T1:	< 0,05 %
FZG test A/8.3/90 / DIN 51 354/2:	Damage loading step > 12

Application

Divinol DHG ISO 46 can be applied in mobile and stationary hydraulic systems with hydrostatic actuation.

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The product is mainly used when there is a danger of developing condensation water due to heavily changing temperatures or penetration of aqueous cooling lubricants, i.e. in turning, drilling and milling machines, lifting platforms etc. **Divinol DHG ISO 46** is also used as hydraulic oil in injection moulding machines.

Divinol DHG ISO 46 is also used for the lubrication of roller and slide bearings as well as for the lubrication of machine gears.

Please note the manufacturer's instructions.

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