



TECHNICAL DATA SHEET

Divinol DHG ISO 46

Detergent and disperse hydraulic oil according to DIN 51524 part 2 (HLP-D)

PRODUCT DESCRIPTION

- + detergent and disperse hydraulic oil
- + with excellent lubricating effect
- + with high aging resistance
- + with excellent wear and corrosion protection
- + zinc-containing

CHARACTERISTICS

Colour / DIN ISO 2049	lighter 2.0
Density/15°C / DIN EN ISO 12185	860 kg/m ³
Viscosity/40°C / ASTM D 7042	46 mm ² /s
Viscosity/100°C / ASTM D 7042	6.9 mm ² /s
Flash point (Cleveland) / DIN ISO 2592	> 210 °C
Pour point / ASTM D 7346	≤ -24 °C
Water content / DIN 51 777, Method A	< 0,05 %
FZG test A/8.3/90 / DIN 51 354/2	Damage loading step > 12
Air release characteristics at 50°C / DIN ISO 9120	4 min

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09/2022-84350-8

This information corresponds to our current knowledge. They do not exempt the processor from carrying out its own tests. A legally binding assurance of certain properties or a suitability for a specific application cannot be derived from our information. Any existing legal provisions and regulations concerning the handling and use of the products must be observed by the recipient of our products himself. We would also like to point out that the specifications of our product always take precedence over objective quality requirements.



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Oxide ashes / DIN EN ISO 6245

0.2 weight per cent

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)

APPLICATION

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

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 etc.

Divinol DHG ISO 46 is also used as hydraulic oil in injection moulding machines.

Please note the manufacturer's instructions.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

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