

Technical Data Sheet

Divinol DHG ISO 10

Product description

- detergent and disperse hydraulic oil
- with excellent lubricating effect
- with high ageing resistance
- with excellent wear and corrosion protection

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
- international specifications: ISO 6743/4 HM, VDMA 24318, SEB 181 222, AFNOR NF-E 48603, ASLE 70-1, 70-2 and 70-3, David Brown S1.53.101, Vickers I-286-S3, 35VQ25, M-2950-S, U. S. Steel 126/127, CETOP RP91H, Denison HF-2

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 :	10 mm ² /s
Viscosity index / ASTM D 2270 :	90
Flash point (Cleveland) / DIN ISO 2592:	> 125 °C
Pour point / DIN ISO 3016:	< -30 °C
Corrosion protection towards steel / DIN ISO 7120:	Corrosion degree pass
Corrosion effect on copper 3h/100°C / DIN EN ISO 2160:	Corrosion degree 1b
Loading capacity according to Brugger / DIN 51 347:	27 N/mm ²
Air release characteristics at 50°C / DIN ISO 9120:	2 min

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Application

Divinol DHG ISO 10 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, lifting platforms etc.

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