

# Technical Data Sheet

## Divinol DHG ISO 150

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### Product description

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

### 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 4.0
Density/15°C / DIN EN ISO 12185:	890 kg/m <sup>3</sup>
Viscosity/40°C / ASTM D 7042 :	150 mm <sup>2</sup> /s
Viscosity index / ASTM D 2270 :	100
Flash point (Cleveland) / DIN ISO 2592:	> 220 °C
Pour point / DIN ISO 3016:	< -20 °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:	33 N/mm <sup>2</sup>
FZG test A/8.3/90 / DIN 51 354/2:	Damage loading step 12

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### Application

**Divinol DHG ISO 150** 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.

**Divinol DHG ISO 150** 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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