

# Technical Data Sheet

## Divinol HLP ISO 46

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### Product description

- high pressure hydraulic oil
- on the basis of mineral oil
- with anti-oxidation and anti-corrosion agents
- with wear and friction reducing additives
- fulfils the requirements to hydraulic oils according to DIN 51 524 part 2, HLP

### Specification

**International Specifications:** SEB 181 222, AFNOR NF-E 48603, ASLE 70-1, 70-2 and 70-3, David Brown S1.53.101, VDMA 24318, U. S. Steel 126/127, CETOP RP91H, Vickers I-286-S3, Denison Hydraulics HF-2, Vickers M-2950-S.

### Characteristics

Colour / DIN ISO 2049:	max. 2.0
Density/15°C / DIN EN ISO 12185:	870 kg/m <sup>3</sup>
Viscosity/40°C / ASTM D 7042 :	46 mm <sup>2</sup> /s
Viscosity index / ASTM D 2270 :	100
Flash point (Cleveland) / DIN ISO 2592:	> 210 °C
Pour point / DIN ISO 3016:	< -24 °C
FZG test A/8.3/90 / DIN 51 354/2:	Damage loading step 12

### Application

**Divinol HLP ISO 46** is used for all hydraulic aggregates, for which the usage of HLP alloyed oils is prescribed.

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