

Technical Data Sheet

Divinol HVI ISO 46

Product description

- high pressure hydraulic oil
- on the basis of mineral oil
- with especially favourable viscosity-temperature characteristics
- has multigrade character
- with optimum wear-, corrosion- and oxidation-protection properties
- exceeds the requirements for hydraulic oils according to DIN 51 524 part 2, HLP
- fulfils the requirements according to DIN 51 524 part 3, HVLP

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. 2,5
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 :	8.7 mm ² /s
Viscosity index / ASTM D 2270 :	> 140
Flash point (Cleveland) / DIN ISO 2592:	> 210 °C
Pour point / DIN ISO 3016:	≤ -27 °C

Application

Divinol HVI ISO 46 is used in highly charged hydraulic aggregates which operate in different climatic conditions. Such as construction machinery as well as all stationary outdoor installations, e.g. scrap baling presses, lock gates, loading facilities etc.

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Even at high variations in temperature and when starting hydraulics at minus-temperature ranges **Divinol HVI ISO 46** has best results concerning the operating uniformity of the machines.

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