

Technical Data Sheet

Divinol HVI Plus ISO 46

Product description

Divinol HVI Plus ISO 46 has very good viscosity properties and is alloyed with EP additives. Divinol HVI Plus ISO 46 is a hydraulic and lubricating oil with a high viscosity index and special additives against aging and corrosion resistance. Divinol HVI Plus ISO 46 is an HVLP according DIN 51 524 Part 3 based on high quality mineral oils. The product separates water very well, Divinol HVI Plus ISO 46 contains zinc.

Benefits are:

- High resistance to foaming
- Good air separation
- High resistance to aging
- Good resistance to corrosion
- Excellent thermal resistance
- Excellent wear protection
- High viscosity index

Specification

DIN 51524 Part 3; AFNOR NF E 48603; VDMA 24318

Manufacturer performance

ASLE 70-1/-2/-3; David Brown S1.53.101; US Steel 126/127; CETOP PR91H; Vickers I-286-S3/ M-2950-S; Denison Hydraulics HF-2; BR RE 90220

Characteristics

Appearance:	slightly brown, clear
Colour / DIN ISO 2049:	< 3
Viscosity/40°C / ASTM D 7042 :	46 mm ² /s
Viscosity/100°C / ASTM D 7042 :	9 mm ² /s
Viscosity index / ASTM D 2270 :	> 190

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Density/15°C / DIN EN ISO 12185:	865 kg/m ³
Pour point / DIN ISO 3016:	< - 27°C
Flash point (Cleveland) / DIN ISO 2592:	> 190 °C

Application

Divinol HVI Plus ISO 46 is a viscosity improved, high performance hydraulic oil which exceeds a conventional HVLP. Divinol HVI Plus ISO 46 can be deployed for commercial issues such as construction, forestry and agricultural machinery as well as many other potential applications where hydraulics are exposed to high temperature fluctuations.

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