Technical Data Sheet

Divinol HVLPD ISO 46

Product description

Divinol HVLPD ISO 46 has very good viscosity properties and is alloyed with detergent/ dispergent additives. Divinol HVLPD ISO 46 is a hydraulic and lubricating oil with a high viscosity index and special additives to absorb water entry. Divinol HVLPD ISO 46 is an HVLPD according DIN 51 524 Part 3 based on high quality mineral oils. Divinol HVLPD ISO 46 contains zinc as anti-wear additive.

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
- Contains detergent/ dispergent additives

Specification

DIN 51524 Part 3 (except for demusibility); 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

Characteristics

Appearance:	clear
Colour / DIN ISO 2049:	< 2,5
Viscosity/40°C / ASTM D 7042 :	46 mm²/s
Viscosity/100°C / ASTM D 7042 :	8.4 mm²/s

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Viscosity index / ASTM D 2270 :	160
Pour point / DIN ISO 3016:	< -27°C
Flash point (Cleveland) / DIN ISO 2592:	200 °C

Application

Divinol HVLPD ISO 46 is a viscosity improved, high performance hydraulic oil with detergents and dispersing additives which exceed a conventional HVLPD. Divinol HVLPD 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 and water entry.

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