



## TECHNICAL DATA SHEET

### Divinol HVI Plus ISO 46

Viscosity - temperature improved high performance hydraulic oil for high temperature peaks during operation or further variations in temperature

#### 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 and also covers ISO grades from 22 to 68 (multigrade character). 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

#### CHARACTERISTICS

Colour / DIN ISO 2049	< 3
Appearance	slightly brown, clear
Density/15°C / DIN EN ISO 12185	865 kg/m <sup>3</sup>
Viscosity/40°C / ASTM D 7042	46 mm <sup>2</sup> /s
Viscosity/100°C / ASTM D 7042	9 mm <sup>2</sup> /s

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Viscosity index / ASTM D 2270	> 190
Flash point (Cleveland) / DIN ISO 2592	> 190 °C
Pour point / ASTM D 7346	< - 27°C

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#### SPECIFICATION

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

#### DIVINOL RECOMMENDATION

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

#### 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.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

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