

# Product information

## Meguin Hydraulikoel HLPD 46



### Description

Hydraulic oils with excellent EP properties and outstanding ageing and corrosion resistance. As a result of their special additives they are capable of absorbing certain quantities of water without turbidity and without adversely affecting any of their other properties. Their foaming properties and air separation capacity are adjusted for optimal performance. Thanks to their specific properties, HLPD hydraulic oils are ideal for hydraulic systems that are susceptible to condensation, such as machine tools, building machinery, etc.

### Specifications and approvals:

Hydrauliköl DIN 51524 HLPD 46

**Meguin also recommends this product for vehicles that are subject to the following specifications:**

MAN-N 698

### Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,875 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	46 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	7,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity index	109 DIN ISO 2909
Pour point	-30 °C DIN ISO 3016
Flash point	230 °C DIN ISO 2592
Demulgation characteristics at 54 °C	begrenzt emulgierend min DIN ISO 6614
Air separation capacity	6 min DIN ISO 9120
Foaming behavior at 24 °C	50/0 ml ISO 6247
Foaming behavior at 93.5 °C	10/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	20/0 ml ISO 6247
Corrosion effect on steel	0-A DIN ISO 7120
Corrosion effect on copper	1-100 A3 DIN EN ISO 2160
Total base number	0,2 mg KOH/g DIN ISO 3771



### Characteristic data

Neutralization number	0,9 mg KOH/g DIN 51558 T1
Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
Oxide ash	0,22 g/100g DIN EN ISO 6245
Sulfate ash	0,25 g/100g DIN 51575
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
ZF U-Tube Test	nach 500 h kein Durchschlag ZF-LA
Color number (ASTM)	L2,5 DIN ISO 2049

### Available pack sizes

20 l Canister plastic	Part no. 4838 D-GB
60 l Drum sheet metal	Part no. 4666 D-GB
200 l Drum sheet metal	Part no. 4667 D-GB
1000 l Deposit container	Part no. 9575 D-GB
1 l Tank truck	Part no. 9260 D-GB
1 l Bulk goods	Part no. 9292 D-GB