

Product information

Meguin Hydraulikoel HLPD 46



Description

Hydraulic oil with outstanding EP properties and excellent resistance to aging and corrosion. Due to its particular additives, absorbs a certain amount of water without becoming cloudy and without any negative effects on other properties. With optimally adjusted foaming behavior and air separation capacity. Especially suitable for hydraulic systems where condensation water is expected, such as machine tools, construction machinery, etc.

Specifications / Approvals

Hydrauliköl DIN 51524 HLPD 46

Meguin recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

MAN N698

Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,865 g/cm ³ DIN 51757
Viscosity at 40 °C	46,0 mm ² /s ASTM D 7042
Viscosity at 100 °C	7,2 mm ² /s ASTM D 7042
Viscosity index	115 DIN ISO 2909
Pour point	-30 °C DIN ISO 3016
Flash point	220 °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	20/0 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

Characteristic data

Neutralization number	0,9 mg KOH/g DIN 51558 T1
Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Color number (ASTM)	L2,5 DIN ISO 2049

Available pack sizes

20 l Canister plastic	4838 DE-EN
60 l Black plate barrel	4666 DE-EN
200 l Black plate barrel	4667 DE-EN
1.000 l Deposit container	9575 DE-EN
1 l Bulk goods	9292 DE