

Product information

Meguin Hydraulikoel HLP 46



Description

Mineral oil which is used as a pressure fluid in hydraulic systems. Contains agents for increasing the resistance to aging, corrosion protection and the EP properties. Thanks to the additives, meets all requirements and is predominantly used in hydraulic systems where there are high thermal stresses, where corrosion from water can take place and where the pumps or hydraulic motors require oils with wear protection properties where there is mixed friction due to the operating conditions.

Specifications / Approvals

Hydrauliköl DIN 51524 Teil 2 HLP 46

Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,86 g/cm ³ DIN 51757
Viscosity at 40 °C	46 mm ² /s DIN 51562
Viscosity at 100 °C	6,75 mm ² /s DIN 51562
Viscosity index	100 DIN ISO 2909
Pour point	-27 °C DIN ISO 3016
Flash point	232 °C DIN ISO 2592
Demulgation characteristics at 54 °C	<= 30 min DIN ISO 6614
Foaming behavior at 24 °C	30/0 ml ISO 6247
Foaming behavior at 93.5 °C	50/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	30/0 ml ISO 6247
Air separation capacity	<= 10 min DIN ISO 9120
Corrosion effect on steel	0-B DIN ISO 7120
Corrosion effect on copper	1-125 A3 DIN EN ISO 2160
Neutralization number	0,5 mg KOH/g DIN 51558 T1
Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
Oxide ash	0,16 g/100g DIN EN ISO 6245

Characteristic data

Sulfate ash	0,17 g/100g DIN 51575
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >10, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Color number (ASTM)	L1,5 DIN ISO 2049
Cleanliness level	19/17/14 ISO 4406

Available pack sizes

1 l Canister plastic	33052 D-GB
20 l Canister plastic	4724 D-GB
60 l Black plate barrel	4874 D-GB
200 l Black plate barrel	4859 D-GB
1.000 l Container	9257 D
1 l Tank truck	8410 D