Product information

Meguin Hydraulikoel HLP 46 AF



Description

Mineral oil which is used as a pressure fluid in hydraulic systems. Contains agents for increasing 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. This product contains no ash-forming additives, meaning the formation of sticky deposits is avoided when oil is overheated.

Approvals

ARBURG injection molding machines • Hydrauliköl DIN 51524 Teil 2 HLP 46 • Hydrauliköl SEB 181 222 HLP 46 • Müller-Weingarten • Engel Austria injection molding machines

Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,865 g/cm³ DIN 51757
Viscosity at 40 °C	46 mm²/s ASTM D 7042-04
Viscosity at 100 °C	6,75 mm²/s ASTM D 7042-04
Viscosity index	100 DIN ISO 2909
Pour point	-30 °C DIN ISO 3016
Flash point	220 °C DIN ISO 2592
Demulgation characteristics at 54 °C	10 min DIN ISO 6614
Air separation capacity	5 min DIN ISO 9120
Foaming behavior at 24 °C	60/0 ml ISO 6247
Foaming behavior at 93.5 °C	40/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	60/0 ml ISO 6247
Corrosion effect on steel	0-B DIN ISO 7120
Corrosion effect on copper	1-125 A3 DIN EN ISO 2160
Neutralization number	0,2 mg KOH/g DIN 51558 T1

Characteristic data

Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
Oxide ash	0,01 g/100g DIN EN ISO 6245
Sulfate ash	0,02 g/100g DIN 51575
Brugger test	> 30 N/mm² DIN 51347
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Timken test, abrasion under a load of 30 lbs	0,004 g SEB 181 302
Color number (ASTM)	L 2,0 DIN ISO 2049

Available pack sizes

20 l Canister plastic	8697 D-GB
200 l Drum sheet metal	6384 D-GB
1.000 l Deposit container	9566 D-GB
1 l Bulk goods	9277 D-GB
1 l Tank truck	8411 D-GB

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