

Product information

Meguin Hydraulikoel HVLP 46



Description

Hydraulic oil with anti-aging, anti-corrosion, anti-foam and anti-wear additives as well as outstanding viscosity-temperature properties. Especially recommended for use in hydraulic systems which are subjected to large temperature fluctuations. Particularly for all types of construction machinery such as Poclain, Jumbo and Atlas excavators.

Specifications / Approvals

Hydrauliköl DIN 51524 Teil 3 HVLP 46

Characteristic data

ISO viscosity class	46 DIN 51519
Density at 15 °C	0,86 g/cm ³ DIN 51757
Viscosity at 40 °C	46 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	8,8 mm ² /s ASTM D 7042-04
Viscosity index	174 DIN ISO 2909
Pour point	-39 °C DIN ISO 3016
Flash point	220 °C DIN ISO 2592
Demulgation characteristics at 54 °C	<= 30 min DIN ISO 6614
Air separation capacity	4 min DIN ISO 9120
Foaming behavior at 24 °C	< 150/0 ml ISO 6247
Foaming behavior at 93.5 °C	< 75/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	< 150/0 ml ISO 6247
Copper corrosion	1-100 A3 DIN EN ISO 2160
Neutralization number	1 mg KOH/g DIN 51558 T1
Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
Shear stability, viscosity loss at 40 °C after 250 cycles	6,5 % DIN 51382
Oxide ash	0,19 g/100g DIN EN ISO 6245
Sulfate ash	0,21 g/100g DIN 51575

Characteristic data

Cleanliness level	19/17/14 ISO 4406
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe 11, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354 Teil 2
Color number (ASTM)	L 1,5 DIN ISO 2049

Available pack sizes

20 l Canister plastic	4671 DE-EN
60 l Black plate barrel	6382 DE-EN
200 l Black plate barrel	6424 DE-EN
1.000 l Deposit container	9581 DE-EN
1 l Bulk goods	9304 DE