

Product information

Meguin Hydraulikoel HLPD 46 AF



Description

Hydraulic oil with excellent EP properties and excellent aging and corrosion protection stability. Absorbs certain quantities of water without turbidity due to the special additives without affecting 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.

Approvals

Hydrauliköl DIN 51524 HLPD 46 • Müller-Weingarten

Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,87 g/cm ³ DIN 51757
Viscosity at 40 °C	46 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	6,7 mm ² /s ASTM D 7042-04
Viscosity index	97 DIN ISO 2909
Pour point	-27 °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
Neutralization number	0,3 mg KOH/g DIN 51558 T1
Neutralization number after 1000 h	< 2 mg KOH/g DIN 51587
Corrosion effect on steel	0-A DIN ISO 7120
Corrosion effect on copper	1-100 A3 DIN EN ISO 2160
Oxide ash	0,01 g/100g DIN EN ISO 6245

Characteristic data

Sulfate ash	0,02 g/100g DIN 51575
Brugger test	> 50 N/mm ² DIN 51347
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Color number (ASTM)	2,5 DIN ISO 2049

Available pack sizes

20 l Canister plastic	8704 D-GB
200 l Drum sheet metal	8705 D-GB
1.000 l Deposit container	9576 D-GB