

Product information

Meguin Hydraulikoel HEES 22 (biodegradable)



Description

Biodegradable hydraulic fluid based on high-quality synthetic esters. Has excellent viscosity temperature behavior. Due to outstanding cold-weather properties, can be used year-round. EP additives and the polar adhesion provide very good protection against wear, rust and corrosion. Rapidly biodegradable and miscible with all mineral oil-based products. Mainly for hydraulic systems in equipment which primarily operates outside, is subjected to large fluctuations in temperature and where there is a risk of a high degree of pollution through oil leakage. Examples are mobile cranes and excavators in agriculture and forestry, floating dredgers, sluice hydraulic systems, snowcats, etc.

Specifications and approvals:

Hydrauliköl VDMA 24568 HEES 22 • Hydrauliköl DIN 51524 Teil 2 HLP 15 • Hydrauliköl DIN 51524 Teil 2 HLP 22 • Hydrauliköl DIN 51524 Teil 2 HLP 32 • Hydrauliköl DIN 51524 Teil 2 HLP 46 • Hydrauliköl DIN 51524 HVLP 22

Characteristic data

ISO viscosity class	VG 22 DIN 51519
Density at 15 °C	0,905 g/cm ³ DIN 51757
Viscosity at 40 °C	26 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	6,4 mm ² /s ASTM D 7042-04
Viscosity index	215 DIN ISO 2909
Pour point	-42 °C DIN ISO 3016
Flash point	274 °C DIN ISO 2592
Demulgation characteristics at 54 °C	20 min DIN ISO 6614
Air separation capacity	5 min DIN ISO 9120
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
Neutralization number	0,3 mg KOH/g DIN 51558 T1
Oxide ash	<0,01 g/100g DIN EN ISO 6245

Characteristic data

Corrosion effect on steel	0-A DIN ISO 7120
Corrosion effect on copper	1-100 A3 DIN EN ISO 2160
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Behavior towards nitrile rubber (NBR) seals	verträglich DIN 53538 Teil 1
Biodegradability after 21 days	> 90 % CEC L-33-82

Available pack sizes

20 l Canister plastic	Part no. 8719 D-GB
200 l Drum sheet metal	Part no. 8720 D-GB