



meguinfo

Art.-Nr. 2244.000

Stand: 95.08

megol Hydraulikoel HVLP 46

megol hydraulic oil HVLP 46 with ageing, rust, foam and wear preventing additives and particularly good viscosity-temperature ratio. Particularly recommended for use in hydraulic systems which are exposed to large temperature fluctuations.

This is especially applicable to all types of building machinery such as for Poclain, Jumbo and Atlas excavators.

Approvals / Specifications:

Hydraulic Oil DIN 51524 – HVLP 46

Characteristic data

Approx. values

ISO viscosity class	DIN 51519		46
Viscosity at 40°C	DIN 51562	mm ² /s	46
Viscosity at 100°C	DIN 51562	mm ² /s	8.4
Viscosity index	DIN ISO 2909		160
Colour pursuant to ASTM	DIN 51578		0.5
Density at 15°C	DIN 51757	kg/m ³	880
Flash point	DIN ISO 2592	°C	210
Pour point	DIN ISO 3016	°C	-32
Air separation capacity / 50°C	DIN 51381	min.	4
De-emulsifying capacity / 54°C	DIN 51599	min.	15
Ash, oxide	DIN EN 7	g/100 g	0.19
Ash, sulphate	DIN 51575	g/100 g	0.21
Coke residue using the Conradson method with ash	DIN 51551	g/100 g	0.25
Content of asphaltenes	DIN 51595	g/100 g	m.n.n. *)
Content of undissolved substances	DIN 51592	g/100 g	m.n.n. *)
Water content	DIN ISO 3733	g/100 g	m.n.n. *)
Neutralisation index, acid	DIN 51558 Part 1	mg KOH/g	1.0
Saponification index	DIN 51559	mg KOH/g	1.5
Corrosive effect on steel	DIN 51585	degree of corrosion	0-A
Corrosive effect on copper		DIN 51759	
Ageing properties	Motor vehicle brief		
Neutralisation index after 1000 h	gear test	DIN 51587	
Foaming properties	Standard test A/8.3/90	DIN 51566	

Vickers pump test

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DIN 51354 Part 2
Failure load level
Unit weight change
V 105 C

degree of corrosion 1-
100 A3

mg KOH/g <
2.0

S1B-60/0

S2B-20/0

S3B-60/0

1

1

mg/kWh <
0.27

Wear after 250 h

Ring/Blade mg 20

Shear stability,
viscosity loss at 40°C
after 30 cycles
after 250 cycles

DIN 51382 % 5.0

DIN 51382 % 6.5

*) m.n.n. = Quantity not detectable

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