



meguinfo

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Date: 95/02

megol Hydraulikoel HL 22

HL hydraulic oils are mineral oils that are used as pressure fluids in hydraulic systems. They contain active ingredients to increase ageing resistance, anti-corrosive properties. As a result of these additives they satisfy all requirements and are primarily used in hydraulic systems in which high thermal stresses occur, corrosion can form due to water and whose pumps or hydraulic motors require oil types with wear protection agents for mixed friction as a result of the operating conditions.

Approvals / Specifications: HL 22 DIN 51524 Part 1

Characteristic data

Approx. values

ISO viscosity class	DIN 51519		VG 22
Viscosity at 0°C	DIN 51562	mm ² /s	220
Viscosity at 40°C	DIN 51562	mm ² /s	22
Viscosity at 100°C	DIN 51562	mm ² /s	4.3
Viscosity index	DIN ISO 2909		100
Density at 15°C	DIN 51757	kg/m ³	865
Flash point	DIN ISO 2592	°C	206
Pour point	DIN ISO 3016	°C	-26
Ash, oxide	DIN EN 7	g/100 g	< 0.01
Coke residue using the Conradson method with ash	DIN 51551	g/100 g	0.07
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	0.2
Corrosive effect on steel	DIN 51585	degree of corrosion	0-A
Corrosive effect on copper	DIN 53538 part 1 after 7 days at 100°C	DIN 51759	
Ageing properties			
Neutralisation index after 100 h		DIN 51587	
Foaming properties		DIN 51566	
Properties against sealing material SRE-NBR 1 pursuant to	*) m.n.n. = Quantity not detectable		

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Shanghai Jichuan Trading

Change in volume
Change in hardness

degree of corrosion 1-
100 A3

mg KOH/g

<

2

S1B-30/0

S2B-50/0

S3B-30/0

%-by-vol.

+

4

Shore

3

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