



meguinfo

Art.-Nr. 2191.000

Stand: 94.03

megol Getriebeoel CLP F 220

EP lubricants with outstanding lubricating and wear protection properties. Produced from high quality base oils and most modern sulphur-phosphorus-additives and specially stabilized molykote. Suited for use in industrial gears, roller- and plain bearings with high pressure loads, also especially for large plants with circulation system lubrication.

Approvals / Specifications:

lube oil DIN 51517 - CLP 220
lube oil CLP 220 SEB 181226

Characteristic data

approx. values

ISO viscosity class	DIN 51519		VG 220	
Viscosity at 0°C	DIN 51562	mm ² /s	6000	
Viscosity at 40°C	DIN 51562	mm ² /s	220	
Viscosity at 100°C	DIN 51562	mm ² /s		18,5
Viscosity index	DIN ISO 2909		93	
Density at 15°C	DIN 51757	kg/m ³	902	
Flash point	DIN ISO 2592	°C	230	
Pour point	DIN ISO 3016	°C	-22	
Air separation capacity / 75°C	DIN 51381	min.	8	
De-emulsifying capacity / 85°C	DIN 51599	min.	< 40	
Ash, sulphate	Din 51759	g/100 g	0,16	
Content of asphaltenes	DIN 51595	g/100 g	m.n.n.*)	
Content of undissolved substances	DIN 51592	g/100 g		
Water content	DIN ISO 3733	m.n.n.*)		
Neutralisation index, acid	DIN 51558 Part 1	g/100 g	0,9	
Corrosive effect on steel	DIN 51585	m.n.n.*) mg KOH/g		
		degree of corrosion		
		0-B		
Corrosive effect on copper	DIN 51759		43 lbs after 10 min.	
Ageing properties			Accepted load	
Increase of viscosity	DIN 51586			
Precipitate number	DIN 51586			
Neutralisation index after 1000 h	DIN 51587			
Timken test	SEB 181 302			
Wear under a load of				

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degree of corrosion	1-125 A		
%	1,5	mg	< 4,0
ml	< 0,05	lbs	60
mg KOH/g	< 2,0		
Foaming properties	DIN 51566		
Properties against sealing material		S1B-0/0	
SRE-NBR 1 pursuant to			
DIN 53538 Part 3 after	Change in volume	S2B-0/0	+5
7 days at 100°C	Change in hardness	S3B-0/0	-2
FZG-gear test, shor		%-by-vol.	
		Shore	
Normal-test A/16,6/140	DIN 51354 part 2		> 12
	Failure load level	mg/KWh	< 0,3
	Special weight change		

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

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