



## *meguinfo*

Art.-Nr. 2170.010

Stand: 02/10

### **megol Getriebeoel CLP 100**

EP lubricants with outstanding lubricating and wear protection properties. Produced from high quality base oils and most modern sulphur-phosphorus-additives. 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 100  
lube oil CLP 100 SEB 181 226  
Müller-Weingarten

#### **Characteristic data**

**approx. values**

ISO viscosity class	DIN 51519		VG 100	
Viscosity at 0°C	DIN 51562	mm <sup>2</sup> /s	1900	
Viscosity at 40°C	DIN 51562	mm <sup>2</sup> /s	105	
Viscosity at 100°C	DIN 51562	mm <sup>2</sup> /s		11,6
Viscosity index	DIN ISO 2909		97	
Density at 15°C	DIN 51757	kg/m <sup>3</sup>	890	
Flash point	DIN ISO 2592	°C	240	
Pour point	DIN ISO 3016	°C	-24	
Air separation capacity / 50°C	DIN 51381	min.	5	
De-emulsifying capacity / 54°C	DIN 51599	min.	15	
Ash, oxide	DIN EN 7	g/100 g	0,03	
Ash, sulphate	Din 51759	g/100 g	0,04	
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 m.n.n.*)	0,5	
Corrosive effect on steel	DIN 51585			43 lbs after 10 min.
Corrosive effect on copper	DIN 51759			Accepted load
Ageing properties				
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	0-B	mg KOH/g	< 2,0
degree of corrosion	1-125 A3		
%	1,0	mg	< 4,0
ml	< 0,05	lbs	60
Foaming properties	DIN 51566		
Properties against sealing material SRE-NBR 1 pursuant to DIN 53538 Part 3 after 7 days at 100°C FZG-gear test, shor		S1B-0/0	
	Change in volume	S2B-0/0	+4
	Change in hardness	S3B-0/0	-1,5
Normal-test A/16,3/90	DIN 51354 part 2	%-by-vol. Shore	> 12
	Failure load level	mg/KWh	< 0,27
	Special weight change		

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

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