



meguinfo

Art.-Nr. 2181.000

Stand: 04/03

megol Gearoil Synth 100

megol gearbox oil Synth CLP is a fully synthetic EP lubricant offering excellent lubrication and wear-prevention properties. Made of purely synthetic base oils (PAO) and with the latest sulphur and phosphorus-based additive technology. Suitable for use in industrial gearboxes with high thermal and oxidative stability requirements, roller and plain bearings that are exposed to high loads, and in particular also for large systems with circulation lubrication systems.

Approvals / Specifications:

Lubricating oil DIN 51517 - CLP 100
SEB 181.226
U.S. Steel 224
AGMA 9005 – D94 (EP)
David Brown S1.53.101 Typ E
Cincinnati Machine P-74
Flender

Characteristic data

			approx. values	
ISO viscosity class	DIN 51519		ca. VG 100	
Viscosity at 40°C	DIN 51562	mm ² /s	105	
Viscosity at 100°C	DIN 51562	mm ² /s		14,9
Viscosity index	DIN ISO 2909		148	
Density at 15°C	DIN 51757	kg/m ³	840	
Flash point	DIN ISO 2592	°C	240	
Pour point	DIN ISO 3016	°C	< -45	
De-emulsifying capacity / 54°C	DIN 51599	min.	20	
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.*)
Corrosive effect on steel	FZG-gear test,	DIN 51585		
Corrosive effect on copper	shor	DIN 51759		
Timken test	Normal-test			
Wear under a load of 43 lbs after 10 min. Accepted load	A/8,3/90	SEB 181 302		
Foaming properties		DIN 51566		

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

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Shanghai Jichuan Trading

DIN 51354 part 2
Failure load level
Special weight change

degree of corrosion
0-B
degree of corrosion 1-
125 A3

mg < 4,0
lbs 60

S1B-150/0

S2B-100/0

S3B-100/0

mg/KWh >
1
2 < 0,27

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