



meguinfo

Art.-Nr. 2186.000

Stand: 03/07

megol gearoil Synth 680

megol gearoil Synth 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. Due to the extreme high performance profile, the possible lubricant endurance and the specific oil consumption, it is excellent suitable for gear lubrication of wind generators.

Approvals / Specifications:

Lubricating oil DIN 51517 - CLP 680
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 680	
Viscosity at 40°C	DIN 51562	mm ² /s	680	
Viscosity at 100°C	DIN 51562	mm ² /s		64
Viscosity index	DIN ISO 2909		160	
Density at 15°C	DIN 51757	kg/m ³	865	
Flash point	DIN ISO 2592	°C	240	
Pour point	DIN ISO 3016	°C	-30	
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				
Corrosive effect on copper	FZG-gear test,			
Timken test	shor			
Wear under a load of 43 lbs after 10 min.	Normal-test A/8,3/90			
Accepted load				
Foaming properties				

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

Shanghai Jichuan Trading Co.,Ltd.

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Shanghai Jichuan Trading

DIN 51585
DIN 51759
SEB 181 302

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

DIN 51566

mg < 4,0
lbs 60

DIN 51354 part 2
Failure load level
Special weight change

S1B-150/0
S2B-100/0
S3B-100/0

>
1
2
mg/KWh < 0,27

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