



Shanghai Jichuan Trading

Art.-Nr.: 2173.039

meguinfo

Stand: 01/09

megol Getriebeoel CLP 680

Gear oil CLP 680 is an EP lubricant offering excellent lubrication and wear-prevention properties.

Made of high quality base oils and the latest sulphur phosphorus additives. Suitable for use in industrial gearboxes, 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 680
Lubricating oil CLP 680 SEB 181 226

Characteristic data

Approx. values

ISO viscosity class	DIN 51519		
Viscosity at 0°C	DIN 51562	VG 680	-
		mm ² /s	
Viscosity at 40°C	DIN 51562	mm ² /s	680
Viscosity at 100°C	DIN 51562	mm ² /s	37,8
Viscosity index	DIN ISO 2909		90
Density at 15°C	DIN 51757	kg/m ³	910
Flash point	DIN ISO 2592	°C	242
Pour point	DIN ISO 3016	°C	-10
Air separation capacity / 50°C	DIN 51381	min.	40
De-emulsifying capacity / 54°C	DIN 51599	min.	40
Ash, oxide	DIN EN 7	g/100 g	0.03
Ash, sulphate	DIN 51575	g/100 g	0.04
Content of asphaltenes	DIN 51595	g/100g	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	0,5
Corrosive effect on steel	DIN 51585	m.n.n. *)	0-B
		mg/KOH/g	
Corrosive effect on copper	DIN 51759	degree of corrosion	
Ageing properties		degree of corrosion 1-125 A3	
Increase in viscosity	DIN 51586	%	2,8
Precipitation index	DIN 51586	ml	<0.05
Increase of neutralisation index after 1000 h	DIN 51587	mg KOH/G	<2.0
Timken test	SEB 181 302		
Wear under a load of 43 lbs after 10 min.		mg	<4.0
Accepted load		lbs	60
Foaming properties			

Shanghai Jichuan Trading Co.,Ltd.

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Properties against sealing material
SRE pursuant to DIN 53538
Part 3 after 7 days at 100°C

DIN 51566

S1B-0/0
S2B-0/0
S3B-0/0

Motor vehicle brief gear test
Special test A/16.6/90

Change in volume
Change in hardness
DIN 51354 Part 2
Failure load level
Unit weight change

%-by-vol. +5
Shore -2
>12
mg/kWh <0.27

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

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