



*meguinfo*

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Stand: 01/09

## **megol Getriebeoel CLP 320**

Gear oil CLP 320 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 320  
Lubricating oil CLP 320 SEB 181 226

### **Characteristic data**

### **Approx. values**

Characteristic data	Standard	Unit	Approx. values	VG 320
ISO viscosity class	DIN 51519			VG 320
Viscosity at 0°C	DIN 51562	mm <sup>2</sup> /s	10000	
Viscosity at 40°C	DIN 51562	mm <sup>2</sup> /s	320	
Viscosity at 100°C	DIN 51562	mm <sup>2</sup> /s	24,4	
Viscosity index	DIN ISO 2909		97	
Density at 15°C	DIN 51757	kg/m <sup>3</sup>	910	
Flash point	DIN ISO 2592	°C	244	
Pour point	DIN ISO 3016	°C	-20	
Air separation capacity / 50°C	DIN 51381	min.	30	
De-emulsifying capacity / 54°C	DIN 51599	min.	15	
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	m.n.n. *)	
Water content	DIN ISO 3733	g/100 g	m.n.n. *)	
Neutralisation index, acid	DIN 51558 Part 1	mg/KOH/g	0.5	
Corrosive effect on steel	DIN 51585	degree of corrosion	0-B	
Corrosive effect on copper	DIN 51759	degree of corrosion	1-125 A3	
Ageing properties				
Increase in viscosity	DIN 51586	%	1.8	
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	SRE pursuant to DIN 53538			Motor vehicle brief gear test
Properties against sealing material	Part 3 after 7 days at 100°C			Special test A/16.6/90

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# Shanghai Jichuan Trading

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

DIN 51566

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

Change in volume	%-by-vol.	+5
Change in hardness DIN 51354 Part 2	Shore	-2
Failure load level		>12
Unit weight change	mg/kWh	<0.27

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