



Art.-Nr.: 2171.010

meguinfo

Stand: 01/09

megol Getriebeoel CLP 220

Gear oil CLP 220 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 220
Lubricating oil SEB 181 226 CLP 220

Characteristic data values

Approx.

Characteristic data values			Approx.
ISO viscosity class	DIN 51519		VG 220
Viscosity at 0°C	DIN 51562	mm ² /s	6000
Viscosity at 40°C	DIN 51562	mm ² /s	220
Viscosity at 100°C	DIN 51562	mm ² /s	18,5
Viscosity index	DIN ISO 2909		93
Density at 15°C	DIN 51757	kg/m ³	910
Flash point	DIN ISO 2592	°C	248
Pour point	DIN ISO 3016	°C	-22
Air separation capacity / 50°C	DIN 51381	min.	20
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	%	1.5
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 Part 3 after 7 days at 100°C		Motor vehicle brief gear test Special test A/16.6/90

Properties against sealing material
Shanghai Jichuan Trading Co.,Ltd.

Add: No 1201, Yin Hai Building, Caoxi Road,
Xuhui District, Shanghai

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Website: www.pingyiao.com

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Shanghai Jichuan Trading

DIN 51566

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

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

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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