



meguinfo

Art.-Nr. 2193.000

Stand: 94.03

megol Getriebeoel CLP F 460

EP lubricants with outstanding lubricating and wear protection properties. Produced from high quality base oils and most modern sulphur-phosphorus-additives and specially stabilized molykote. Suited for use in industrial gears, roller- and plain bearings with high pressure loads, also especially for large plants with circulation system lubrication.

Approvals / Specifications: lube oil DIN 51517 - CLP 460
lube oil CLP 460 SEB 181226

| Characteristic data | | | approx. values |
|-----------------------------------|------------------|---------------------|-----------------|
| ISO viscosity class | DIN 51519 | | VG 460 |
| Viscosity at 40°C | DIN 51562 | mm ² /s | 460 |
| Viscosity at 100°C | DIN 51562 | mm ² /s | 28,5 |
| Viscosity index | DIN ISO 74909 | | 90 |
| Density at 15°C | DIN 51757 | kg/m ³ | 920 |
| Flash point | DIN ISO 2592 | °C | 230 |
| Pour point | DIN ISO 3016 | °C | -10 |
| Air separation capacity / 50°C | DIN 51381 | min. | 22 |
| De-emulsifying capacity / 54°C | DIN 51599 | min. | < 60 |
| Ash, sulphate | Din 51759 | g/100 g | 0,16 |
| Content of asphaltenes | DIN 51595 | g/100 g | 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 | 0,9 |
| Corrosive effect on steel | DIN 51585 | m.n.n.*) | |
| Corrosive effect on copper | DIN 51759 | mg KOH/g | |
| Ageing properties | | degree of corrosion | |
| Increase of viscosity | DIN 51586 | 0-B | 2,3 |
| | | degree of corrosion | 1-125 |
| | | A | |
| | | % | |
| Precipitate number | DIN 51586 | 43 lbs after 10 | properties |
| Neutralisation index after 1000 h | DIN 51587 | min. | |
| Timken test | SEB 181 302 | Accepted load | Properties |
| Wear under a load of | | Foaming | against sealing |

Shanghai Jichuan Trading Co.,Ltd.

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| | | | |
|------------------------|-----------------------|-----------|--------|
| material | | ml | < 0,05 |
| SRE-NBR 1 pursuant to | | mg KOH/g | < 2,0 |
| DIN 53538 after | Change in volume | | |
| 7 days at 100°C | Change in hardness | | |
| FZG-gear test, shor | | mg | < 4,0 |
| | | lbs | 60 |
| | | S1B-0/0 | |
| | | S2B-0/0 | +5 |
| | | S3B-0/0 | -2 |
| | | %-by-vol. | |
| | | Shore | |
| Normal-test A/16,6/140 | DIN 51354 part 2 | | > 12 |
| | Failure load level | mg/KWh | < 0,3 |
| | Special weight change | | |

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

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