

Product information

megol Gearoil Synth ISO VG220



Description

Fully synthetic EP lubricant with outstanding lubrication and wear protection properties. Manufactured from purely synthetic base oils (PAO/esters) using the latest additive technology based on sulfur-phosphorus agents. Suitable for use in industrial transmissions with high thermal and oxidative stability requirements, roller and plain bearings subjected to high pressures and, in particular, large-scale plants with circulation lubrication systems. Due to the high performance profile, the possible lubricant service life and the specific consumption, it is ideally suited for gear lubrication in wind turbines.

Specifications and approvals

AGMA 9005 - D94 (EP) • Cincinnati Machine P-74 • David Brown • Schmieröl SEB 181 226 CLP 220 • Schmieröl DIN 51517 CLP 220 • U.S. Steel 224

Characteristic data

ISO viscosity class	VG 220 DIN 51519
Density at 15 °C	0,855 g/cm ³ DIN 51757
Viscosity at 40 °C	220 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	27,7 mm ² /s ASTM D 7042-04
Viscosity index	162 DIN ISO 2909
Pour point	-42 °C DIN ISO 3016
Flash point	235 °C DIN ISO 2592
Demulgation characteristics at 82°C	20 min DIN ISO 6614
Foaming behavior at 24 °C	75/0 ml ISO 6247
Foaming behavior at 93.5 °C	100/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	100/0 ml ISO 6247
Corrosion effect on steel	0-B DIN ISO 7120
Corrosion effect on copper	1-125 A3 DIN EN ISO 2160
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354 Teil 2

Characteristic data

Color number (ASTM)	L 1,0 DIN ISO 2049
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Available pack sizes

20 l Canister plastic	9252 D-GB
200 l Drum sheet metal	8666 D-GB