

Synth ISO VG 220 Gear Oil

Description

Fully synthetic high performance gear oil based on polyalphaolefins/esters. Due to the excellent oxidation resistance and thermal stability of the base oils, the aging process even at elevated temperatures is significantly reduced and the oil-change intervals can be extended. A high pressure and wear protection technology has been specially selected for this product to provide reliable protection even under heavy loads and to prolong the service life of the equipment. Outstanding corrosion protection behavior even with water and other forms of contamination present. The reduction in downtime for maintenance and stoppages increases equipment efficiency.

Approvals

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

Technical 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



Technical data

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

Areas of application

Suitable for application in industrial transmissions, where roller and plain bearings are subjected to high pressure and also for large plants with pressure-feed lubrication systems.

Application

The specifications and instructions from the unit manufacturer must be followed. Optimum effectiveness is only possible when the product is used unmixed.

Available pack sizes

20 l Canister plastic 3566
D-GB

Our information is based on thorough research and may be considered reliable, although not legally binding.