



Quality is in our nature

Gearbox oils - Fully Synthetic

Eurol Synmax PAO ISO-VG 320

Synthetic, polyalphaolefin based gearbox lubricant

Description:

Eurol Synmax PAO ISO-VG 320 is especially developed for the lubrication of all kinds of heavy loaded toothed gearings and worm wheel gears, especially in applications with high temperatures.

Eurol Synmax PAO ISO-VG 320 is a so-called Mild EP oil with excellent anti-oxidation, anti-wear and anti-corrosion properties, as well as EP (Extreme Pressure) characteristics.

Eurol Synmax PAO ISO-VG 320 has a low friction coefficient, because of the synthetic base oils, which allows less energy consumption and lower operating temperatures.

Eurol Synmax PAO ISO-VG 320 has an excellent oxidation and thermal stability so that allows prolonged drain intervals and therefore reduces maintenance costs.

The evaporation loss is minimized because of the synthetic base oil. In combination with the high viscosity

index, a thicker lubrication film is formed at high operating temperatures, compared to mineral products of the ISO-VG class.

Eurol Synmax PAO ISO-VG 320 protects metal parts (including copper from oxidation and corrosion, even if water has contaminated the system. The oil rapidly separates the water from the oil. Because of the excellent compatibility with common rubber materials, loss of quality and swelling of seal materials is prevented.

Specifications

Performance level

DIN 51517/3 (CLP)

AISE (US Steel) 224

AGMA 9005/E02

AGMA 9005/F16 Antiscuff

David Brown S1.53.106

Cincinnati Machine P-74

ISO 12925-1 CKD

Physical properties

Colour	Yellow	
Density at 20°C	0.852 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	313.3 cSt	ASTM D 445
Viscosity, kinematic at 100°C	39.5 cSt	ASTM D 445
Viscosity Index	180	ASTM D 2270
Flash point	229 °C	ASTM D 93
Pour point	-51 °C	ASTM D 97

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