



Quality is in our nature

Gearbox oils - Fully Synthetic

# Eurol Synmax PAO ISO-VG 150

Synthetic, polyalphaolefin based gearbox lubricant

## Description:

Eurol Synmax PAO ISO-VG 150 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 150 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 150 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 150 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 150 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	0.855 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	154.2 cSt	ASTM D 445
Viscosity, kinematic at 100°C	21.2 cSt	ASTM D 445
Viscosity Index	162	ASTM D 2270
Flash point	197 °C	ASTM D 93
Pour point	-51 °C	ASTM D 97

E115504

Version 1.3, 09-12-2020

This sheet contains recommendations or suggestions on properties and possible applications of Eurol products. Because of continuous product research and development, the information in this document can be changed at all times, without foregoing notice. The analytical information in this document consists of typical incorrectness of the text. The reader is advised to make the final product choice in dialogue with the supplier.

Eurol B.V. Energiestraat 12, 7442 DA Nijverdal, Netherlands, tel. +31 88 250 22 00, fax +31 548 61 01 95, info@eurol.com, www.eurol.com