



POWERING  
PERFORMANCE

# Eurol Fullsynt. Compr.olie 46

## Fully synthetic compressor oil

Article number E118866 Version 3.3 14/04/2026

### Product information

Eurol Full Synthetic Compressor Oil ISO-VG 46 is a fully synthetic oil, specially developed for the lubrication of rotary oil-cooled compressors (ISO-VG 46 and 68). Including the very critical hydrovane compressors, piston compressors (ISO-VG 100), and vacuum pumps. This oil, applicable in a very wide temperature range (-20 to 205°C), is thermally and oxidation stable.

Eurol Full Synthetic Compressor Oil ISO-VG 46 prevents wear, sludge formation, and carbon deposits. This allows for extended oil change intervals.

Eurol Full Synthetic Compressor Oil ISO-VG 46 is zinc-free and offers good cooling, sealing, and is capable of quickly separating water (demulsification). Due to the low evaporation of the oil, oil consumption and the risk of thickening or deposits are minimized.

### Performance level

- DIN 51506: VDL
- DIN 51524/2 (HLP)
- GM LJ
- SAE Ms1003-2

### Physical properties

Characteristic	Value/Result	ASTM Standard
Color	amber	
Density at 20°C	0.85 kg/l	ASTM D 4052
Viscosity, kinematic at 40 °C	48.0 cSt	ASTM D 445
Viscosity, kinematic at 100 °C	8.1 cSt	ASTM D 445
Viscosity index	141	ASTM D 2270
Flash point	228 °C	ASTM D 92
Pour point	-36 °C	ASTM D 97

**Eurol B.V., Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 88 250 22 00, info@eurol.com, eurol.com**

This document is intended to inform you about the product features and possible applications of Eurol products. The information in this document is subject to change at any time without prior notice due to ongoing product research and development. The analysis data in this sheet contains typical values. Minor deviations, which can occur during the normal manufacturing process of the product, will not affect the quality of the product. Although this information sheet has been compiled with great care, Eurol accepts no liability for damages resulting from any incompleteness and/or inaccuracies in the text. We always advise you to follow the manufacturer's instructions. The translations provided here are made using ChatGPT, an AI language model developed by OpenAI. While we strive to deliver accurate and useful translations, we cannot guarantee that all translations are error-free or always capture the correct context and nuances.