



POWERING
PERFORMANCE

PRODUCT DATA SHEET

specialty lubricants

E HEAVY DUTY



Eurol E-HD Lube 46 BIO

Exceptional efficiency, unmatched protection

Article number S022001 Version 1.0 16/04/2025

Produktinformationen

Fully synthetic lubricant based on Eurol Syngis Technology, specifically developed for electrified heavy-duty applications. This additive technology offers exceptional energy efficiency and unparalleled protection against wear under the most extreme conditions.

Eurol E Heavy Duty Lube 46 BIO provides extremely high hydraulic efficiency due to very low friction. As a result, the operating temperature decreases, extending both the product's lifespan and the components. Eurol E Heavy Duty Lube 46 BIO is recommended for use in hydraulic systems, lightly loaded transmissions, cables, and chains where high energy efficiency is required.

Product benefits

- Unmatched energy efficiency
- Exceptional wear protection
- Extremely low friction
- Very long product lifespan
- Extends system lifespan
- Extends battery cycle for electrified equipment
- Meets the requirements of the European Ecolabel
- Compatible with common sealing materials

Instructions for use

- Ensure that the majority of the hydraulic oil to be replaced is in the reservoir.
- Remove the old oil from the system.
- Replace all filters and fill the new filters with new oil.
- Fill the tank with new oil and let it circulate through the system.

Performance level

- readily biodegradable
according to OECD 301

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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.



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Physical properties

Characteristic	Value/Result	ASTM Standard
Color	amber	
Density at 20°C	0.91 kg/l	ASTM D 4052
Viscosity, kinematic at 40 °C	46.3 cSt	ASTM D 445
Viscosity, kinematic at 100 °C	8.7 cSt	ASTM D 445
Viscosity index	170	ASTM D 2270
Flash point	200 °C	ASTM D 92

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