



POWERING  
PERFORMANCE

## PRODUCT DATA SHEET

specialty lubricants



# Eurol Food Gear HV 460

Food grade synthetic gearbox oil

Article number S002109 Version 1.1 16/04/2025

## Product information

Eurol Food Gear HV 460 (ISO 460) with SYNGIS Technology is a professional, synthetic gearbox oil, applicable for gearbox lubrication, general machinery lubrication, transport chains, drive chains, rotary vane blowers, and circulation lubrication.

Eurol Food Gear HV 460 is food-grade InS H1 / NSF H1 certified and thus suitable for incidental food contact for, among others, the food industry, pharmaceutical industry, hospitality, agriculture, and arable farming.

## Product benefits

- NSF H1, 161492
- Excellent anti-wear/extreme pressure properties
- Excellent water separation
- Excellent corrosion protection
- High viscosity index and stable against shear forces
- Oxidation and thermally stable
- Low friction coefficient, leading to reduced energy consumption
- Long service intervals
- Economical in use
- DIN 51524/3
- DIN 51517/3
- DIN 51506
- CLP, HC

## Application

- Automatic lubrication systems

## Usage instructions

- Remove the old oil from the system and flush thoroughly.

## Performance level

- DIN 51506: VDL
- DIN 51517/3 (CLP)
- DIN 51524/3 (HVLP)

## Physical properties

Characteristic	Value/Result	ASTM Standard
Color	Colourless	
Density at 20°C	0.85 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	460.0 cSt	ASTM D 445
Viscosity, kinematic at 100°C	53.5 cSt	ASTM D 445
Viscosity Index	182	ASTM D 2270
Flash Point	207 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97

**Eurol B.V., Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 88 250 22 00, [info@eurol.com](mailto:info@eurol.com), [eurol.com](http://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.