



POWERING
PERFORMANCE

PRODUCT DATA SHEET

specialty lubricants



Eurol Food Gear HV 320

Food grade synthetic gearbox oil

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Product information

Eurol Food Gear HV 320 (ISO 320) with SYNGIS Technology is a professional, synthetic gearbox oil, applicable for gearbox lubrication, general machinery lubrication, transport chains, drive chains, rotary vane compressors, and circulation lubrication.

Eurol Food Gear HV 320 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 crop farming.

Product benefits

- NSF H1, 161491
- 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
- HLP HC, CLP, HC, VDL

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	320.0 cSt	ASTM D 445
Viscosity, kinematic at 100°C	39.6 cSt	ASTM D 445
Viscosity Index	177	ASTM D 2270
Flash Point	207 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97

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