

specialty lubricants 

Eurol Food Gear HV 460

Food grade synthetic gearbox oil

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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 |

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