



POWERING
PERFORMANCE

PRODUCT DATA SHEET

specialty lubricants 

Eurol Food Gear PG 460

Food grade polyglycol gearbox oil

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Product information

Eurol Food Gear PG 460 (ISO 460) with SYNGIS Technology is a professional, synthetic polyglycol gear oil, suitable for use in gearboxes, general lubrication systems, conveyor chains, drive chains, and circulation lubrication. The inherent thermal and oxidative stability result in reduced sludge formation, long lubricant life, and excellent cleanliness. Reduced foaming behavior results in excellent protection against micropitting, which extends the lifespan of gears.

Product benefits

- NSF H1, 164768
- Excellent anti-wear/extreme pressure properties
- 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

- Worm gears, for example for conveyors or elevators
- Heavily loaded gearboxes in the food industry
- Automatic lubrication systems

Usage instructions

- Remove the old oil from the system and flush thoroughly.
- Not miscible with mineral or PAO-based gear oils.
- Be cautious when switching to polyglycol oils.

Physical properties

Characteristic	Value/Result	ASTM Standard
Color	amber	
Density at 20°C	1.07 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	470.0 cSt	ASTM D 445
Viscosity, kinematic at 100°C	82.0 cSt	ASTM D 445
Viscosity Index	259	ASTM D 2270
Flash Point	200 °C	ASTM D 92
Pour point	-36 °C	ASTM D 97

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