



## Industrial Synthetic Gear Oil 460

Product Code: 77310

Fully Synthetic PAO Industrial Gear Oil

**Industrial Synthetic Gear Oil 460** is an ultra-high performance fully synthetic industrial gear oil suitable for wind-turbines, heavy loaded closed gear boxes and circulation systems operating under extreme conditions and high temperatures.

**Industrial Synthetic Gear Oil 460** is formulated special selected PAO (PolyAlphaOlefins) and ester base stocks in combination with a unique performance additive technology to achieve the following performance.

- Outstanding load carrying capability.
- Excellent low temperature properties.
- Effective lubrication over a wide temperature range.
- Superior thermo- and oxidation stability.
- Long service intervals.
- Excellent protection against rust, wear and foaming.
- Very high demulsibility.
- Excellent corrosion and micropitting protection (both 90°C and 60°C tests of Winergy and Vestas)

**Industrial Synthetic Gear Oil 460** exceeds the following performance criteria:

DIN 51517-3 CLP

Cincinnati Milacron P-74

AIST 224 (US Steel 224)

ISO 12925-1 CKD

David Brown S1.53.106

AGMA 9005-F16 Antiscuff

SIEMENS MD (Flender)

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	320
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	857.8
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	454.5
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	56.1
Viscosity Index		ASTM D2270	191
Flash Point COC	°C	ASTM D92	>218
Pour Point	°C	ASTM D7346	-45
FZG Fail Load Stage		DIN 51354-2	>12

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