

# INDUSTRIAL GEAR POWER SYNTH 460

## Industrial Gear Oil

**INDUSTRIAL GEAR POWER SYNTH 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 GEAR POWER SYNTH 460** is formulated with special selected 100% Poly Alpha Olefine (PAO) base stocks in combination with a unique EP-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 GEAR POWER SYNTH 460** meets the following performance criteria:

DIN 51517, part 3  
ISO 12925-L-CKD/CKE  
CM P74

AGMA 9005-EO2  
T7300 SEW  
AIST 224

AGMA/AWEA 6006-A03  
Siemens / Flender

### Typical Analysis

Properties	Unit	Method	Typical Value
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	857
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	478
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	60
Viscosity Index		ASTM D2270	197
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-45
FZG Fail Load Stage, min		DIN 51354-2	>12
Demulsibility @82°C	max	DIN 51599	20
Date Issued: 10-6-2021		Supersedes: 26-07-2017	Revision Nr.: 02

