

## NORIDC EP GEAR OIL SYNTH 150

### Fully Synthetic PAO Industrial Gear Oil

**NORIDC EP GEAR OIL SYNTH 150** 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.

**NORIDC EP GEAR OIL SYNTH 150** 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)

**NORIDC EP GEAR OIL SYNTH 150** exceeds the following performance criteria:

DIN 51517, part 3  
AIST 224

AGMA 9005-E02  
David Brown S1.53.101 E

ISO 12925-1  
Flender

## Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	150
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	853
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	151
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	21.0
Viscosity Index		ASTM D2270	145
Flash Point COC, min	°C	ASTM D92	>220
Pour Point	°C	ASTM D7346	-45
FZG Fail Load Stage, min		DIN 51354-2	>12
Total Acid Number	mgKOH/g	ASTM D664	<0.5

Date Issued: 06-05-2021	Supersedes:	Revision Nr.: 1
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