

NORDIC EP GEAR OIL SYNTH 460

Fully Synthetic PAO Industrial Gear Oil

NORDIC EP GEAR OIL 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.

NORDIC EP GEAR OIL SYNTH 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)

NORDIC EP GEAR OIL SYNTH 460 exceeds the following performance criteria:

DIN 51517, part 3

AGMA 9005-E02

ISO 12925-1

AIST 224

David Brown S1.53.101 E

Flender

Typical Analysis

| Properties | Unit | Method | Typical Value |
|--------------------------|--------------------|-------------|---------------|
| ISO VG Grade | | ISO 3448 | 460 |
| Density @15°C | kg/m ³ | ASTM D4052 | 855 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 50.6 |
| Viscosity Index | | ASTM D2270 | 182 |
| Flash Point COC, min | °C | ASTM D92 | >218 |
| Pour Point | °C | ASTM D7346 | -42 |
| FZG Fail Load Stage, min | | DIN 51354-2 | >12 |
| Total Acid Number | mgKOH/g | ASTM D664 | <0.5 |

Date Issued: 12-04-2021

Supersedes:

Revision Nr.: 1