



INDUSTRIAL GEAR OIL SYNTH 220

Product Description:

INDUSTRIAL GEAR OIL SYNTH 220 is a 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 OIL SYNTH 220 is formulated with special selected Poly Alpha Olefine (PAO) and Ester base stocks in combination with an 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 OIL SYNTH 220 meets the following performance criteria:

DIN 51517-3
AGMA/AWEA 6006-A03
CM P74

ISO 12925-L-CKD/CKE
T7300 SEW
AIST 224 (former US Steel 224)

AGMA 9005 E-02
Siemens / Flender



Property	Unit	Test Method	Typical Value
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ISO VG Grade		ISO 3448	220
Density@15°C	kg/m ³	ASTM D4052	854
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	230
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	32.7
Viscosity Index		ASTM D2270	187
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-48
FZG Fail Load Stage, min		DIN 51354-2	12
Demulsibility @82°C	max	ASTM D1401	15

Product Nr: 44970
Date Superseded: 06-12-2017

Date Issued: 16-12-2019
Revision nr: 02