

NORDIC EP GEAR OIL ISO 100

Mineral Industrial Gear Oil

NORDIC EP GEAR OIL ISO 100 is a high performance extreme pressure gear oils developed for lubrication of heavy duty industrial gears working under severe operating conditions.

NORDIC EP GEAR OIL ISO 100 is based on high quality mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent load carrying capability protects gears against scuffing and wear and offers long equipment life and reduced maintenance costs.
- High thermo-oxidative stability helps resist deposit formation, provides enhanced system cleanliness and enables longer service intervals.
- Provides effective rust and corrosion protection to all gearbox components.
- Excellent demulsibility property enables trouble-free operation in conditions encountering water/ moisture.

NORDIC EP GEAR OIL ISO 100 exceeds the following performance criteria:

DIN 51517-3 CLP

ISO 12925-1 CKC

AGMA 9005 E-02

US Steel 224

David Brown S1.53.101

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	100
Density @15°C	kg/m ³	ASTM D4052	887
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	100
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	11.4
Viscosity Index		ASTM D2270	>95
Flash Point COC, min	°C	ASTM D92	>210
Pour Point	°C	ASTM D7346	-27
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