

INDUSTRIAL GEAR POWER 680

Industrial Gear Oil

INDUSTRIAL GEAR POWER 680 is a high performance extreme pressure gear oil which is developed for lubrication of heavy duty industrial gears working under severe operating conditions.

INDUSTRIAL GEAR POWER 680 is based on high quality virgin 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.

INDUSTRIAL GEAR POWER 680 meets the following performance criteria:

DIN 51517-3 CLP

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AIST 224 (US Steel 224)

AGMA 9005-F16

AGMA 9005 E-02

ISO 12925-1 CKD

JIS K 2219:2006 class 2

Typical Analysis

Properties	Unit	Method	Typical Value
Density @15 °C	kg/m ³	ASTM D4052	901
Kin. Viscosity @40 °C	mm ² /s	ASTM D7042	687
Kin. Viscosity @100 °C	mm ² /s	ASTM D7042	40.1
Viscosity Index		ASTM D2270	97
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-13
FZG Fail Load Stage, min		DIN 51354-2	12
Demulsibility @82 °C	max	DIN 51599	30
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