



## Industrial Gear Oil 220

Product Code: 77080

Mineral Industrial Gear Oil

**Industrial Gear Oil 220** is a high performance extreme pressure gear oil developed for lubrication of heavy duty industrial gears working under severe operating conditions.

**Industrial Gear Oil 220** 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.

**Industrial Gear Oil 220** exceeds 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
ISO VG Grade		ISO 3448	220
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	897.2
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	220.8
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	19.0
Viscosity Index		ASTM D2270	97
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-15
FZG Fail Load Stage		DIN 51354-2	>12
Total Acid Number	mgKOH/g	ASTM D664	0.5

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