



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 ISO 12925-1 CKD AGMA 9005 E-02 AIST 224
David Brown S1.53.101E

Typical Analysis

| Properties | Unit | Method | Typical Value |
|-----------------------|--------------------|-------------|---------------|
| ISO VG Grade | | ISO 3448 | 220 |
| Density @15°C | kg/m ³ | ASTM D4052 | 893 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 220 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 18.8 |
| Viscosity Index | | ASTM D2270 | 95 |
| 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 |

| | | |
|-------------------------|------------------------|------------------|
| Date Issued: 16-04-2021 | Supersedes: 02-02-2018 | Revision Nr.: 03 |
|-------------------------|------------------------|------------------|