



GIANT INDUSTRIAL GEAR OIL

Industrial Gear Oil with Extreme Pressure, Anti-Wear Properties

DESCRIPTION

GIANT INDUSTRIAL GEAR OIL is intended for enclosed gear sets operating under severe service conditions. Formulated with high quality base oils and excellent extreme pressure, anti-wear additive packages, exhibiting good thermal and oxidative stability, GIANT INDUSTRIAL GEAR OIL performs well under shock and load conditions at operating temperatures of up to 110°C.

PERFORMANCE STANDARDS

- US Steel 224
- David Brown Types M, A & E
- AGMA 9005 – E02
- DIN 51517 Part III
- ISO 12925-1 CKC/CKD

TYPICAL APPLICATIONS

GIANT INDUSTRIAL GEAR OIL is recommended for splash or pressure circulation lubrication of most types of enclosed gears, especially where operating conditions involve heavy loads, high speeds and high relative sliding velocities at elevated ambient and operating temperatures (up to 110°C).

It is also suitable for lubrication of other heavily loaded parts and components such as transmission couplings and plain bearings.

BENEFITS

- Excellent extreme pressure and anti-wear properties
- Effectively resistant to wear and scuffing of gears under severe shock and load conditions
- Exceptional thermal stability and resistance to oxidation and sludge formation even when operating at temperatures of up to 110°C. This means extended oil-life and reduction of oil-change costs.
- Non-corrosive to steel, cast iron, copper and bronze
- Provides superior anti-rust demulsibility

TYPICAL PROPERTIES

ISO VG	100	150	220	320	460	680
Density, kg/Litre @ 15°C	0.884	0.890	0.895	0.896	0.901	0.920
Kinematic Viscosity, cSt @ 40°C	99.5	145.2	220.2	318.6	460.0	680.0
Kinematic Viscosity, cSt @ 100°C	11.3	15.0	18.8	23.6	30.2	40.2
Viscosity Index	99	98	97	97	96	91
Pour Point, °C	-15	-15	-15	-12	-9	-6
Flash Point COC, °C	236	240	248	248	250	260