

PENNZOIL SUPER MAXOL® GEAR OIL

EP 150 / 220 / 320 / 460



Review Date: 02nd January 2025

PRODUCT DESCRIPTION

Pennzoil Super Maxol® Gear Oils are designed for enclosed gear sets operating under severe service conditions in industrial environments. Pennzoil Super Maxol® Gear Oils offers exceptional water separating properties, allowing for easy removal of water from the bottom of systems, without excessive draining of oil in the form of an emulsion. This is especially important in mining, steel processing and other industries where water contamination can be a regular occurrence.

Pennzoil Super Maxol® Gear Oils are formulated with the latest additive technology for optimum thermal and oxidative stability for a long service life. Effective inhibitors in Pennzoil Super Maxol® Gear Oils also work to prevent rust and corrosion on metal parts. Synergistic blends of foam inhibitors reduce air entrainment and foaming which can be a problem in high speed gear reducers.

APPLICATION

Pennzoil Super Maxol® Gear Oils are particularly effective under extreme and shock loads condition. Recommended for spur, herringbone, hypoid, bevel and planetary enclosed gear sets to provide maximum gear tooth protection. They are also recommended where exceptional water separation is required.

Pennzoil Super Maxol® Gear Oils are effective lubricants for plain and rolling contact (anti-friction) bearings commonly found in enclosed gear reducers. This oil is also suitable for circulating lubrication systems found in the larger industrial plants. Pennzoil Super Maxol® Gear Oils are available in a variety of viscosity grades to accommodate a wide applications.

BENEFITS

- Excellent oxidation and thermal stability characteristic
- Exceptional demulsibility
- Provides outstanding wear protection even under heavy and shock loads
- Reduces galling, scuffing and welding of gear teeth
- Excellent clean gear performance
- Provides effective bearing protection

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SPECIFICATIONS

- AGMA 9005-E02
- DIN 51517 Part 3
- ISO 12925-1 CKC/CKD
- US Steel 224

TYPICAL PROPERTIES

TEST	METHOD	TYPICAL RESULT			
ISO Viscosity Grade	ISO 3448	150	220	320	460
AGMA No		4 EP	5 EP	6 EP	7 EP
Density @30°C, kg/l	ASTM D4052	0.8815	0.8879	0.8891	0.8933
Kinematic Viscosity					
@40 °C, cSt	ASTM D445	145.2	220.5	304.6	449.2
@100 °C, cSt	ASTM D445	14.8	19.4	24.3	31.4
Viscosity Index	ASTM D2270	101	99	101	100
Flash Point, °C, Min	ASTM D92	220	220	220	220
Pour Point, °C, Min	ASTM D5950	- 6	- 6	-6	- 6
Timken OK Load, Kg, Min	ASTM D2782	27	27	27	27
Copper Corrosion Test	D130	1b	1b	1b	1b