

MAXGROB SAE 75W-90 GL-4/GL-5 MT-1

Product Description

MAXGROB SAE 75W-90 GL-4/GL-5 MT-1 is a fully synthetic, high-performance hypoid gear oil designed for heavy-duty applications across a wide range of manual, transaxle, auxiliary, and differential transmissions. This Total Drive Line (TDL) lubricant ensures exceptional performance under extreme operating conditions and wide temperature fluctuations. Engineered with advanced additive technology, it provides superior wear protection, excellent low-temperature behavior, and long-lasting oxidation stability.

This gear oil meets and exceeds the stringent requirements of leading OEMs and is ideal for commercial vehicles, off-road machinery, and other heavy-duty applications.

Meets and Exceeds

Meets :

- GL-4, GL-5, MT-1
- MIL-L-2105 D/PRF 2105 E

OEM Approvals :

- MAN 341 Z2, 342 S1
- MB 235.8, 235.9
- Scania STO 1:0, STO 2:0A FS
- Volvo 97312
- ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A
- and many more

Typical Properties

Property	Method	Unit	Value
SAE Grade	SAE J306	-	75W-90
Density @ 15°C	ASTM D4052	g/cm ³	0.855
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	80.0
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.3
Viscosity Index	ASTM D2270	-	185
Pour Point	ASTM D6892	°C	-57
Flash Point	ASTM D92	°C	190
Brookfield Viscosity @ -40°C	ASTM D2983	mPa.s	≤150,000

Performance Benefits

- **Extreme Pressure Protection:** Safeguards gears and components under heavy loads and extreme pressure conditions.
- **Thermal Stability:** Resists high-temperature degradation for extended oil life and reduced maintenance costs.
- **Superior Low-Temperature Properties:** Ensures smooth transmission performance down to -51°C.
- **Wear Reduction:** Prolongs the life of critical components, even under high stress and heavy-duty operations.
- **Corrosion and Rust Resistance:** Protects metal components against corrosion in harsh environments.
- **Seal Compatibility:** Prevents leaks and ensures reliable sealing performance.
- **Noise Reduction:** Minimizes transmission noise for smoother operation.

Application

- Suitable for manual, hypoid, auxiliary, and transaxle transmissions.
- Ideal for heavy-duty highway vehicles (freight trucks, buses) and off-road equipment (construction, agricultural, and mining machinery).
- Recommended where API GL-4, GL-5, or MT-1 specifications are required.



Health, Safety and Environment

- Avoid prolonged contact with skin; use appropriate protective equipment.
- Dispose of used oil responsibly at authorized collection points.
- Refer to the product's Safety Data Sheet (SDS) for detailed handling and safety instructions.

Storage and Handling

- Store in a cool, dry place away from direct sunlight and temperatures above 60°C.
- Ensure containers are sealed to prevent contamination.
- Avoid mixing with other oils to maintain full performance.

