

MAXGROB Marine Gear Oil SAE 75W-90 GL4/GL5 MT-1

Product Description

MAXGROB Marine Gear Oil SAE 75W-90 GL4/GL5 MT-1 is a fully synthetic high-performance gear oil designed for extreme operating conditions. Engineered to deliver outstanding performance, it ensures smooth operation, reduces transmission noise, and provides excellent protection against wear and corrosion. Its exceptional viscosity-temperature properties make it highly effective across a wide range of temperatures, offering reliability even under severe conditions.

Performance Benefits

- **Outstanding Viscosity-Temperature Properties:** Ensures consistent performance across extreme temperature variations.
- **High Pressure-Absorption Capability:** Maintains effective lubrication under heavy loads and high-pressure conditions.
- **Superior Wear Protection:** Minimizes wear and extends the lifespan of gear components.
- **Corrosion Resistance:** Protects gear assemblies from rust and corrosion, even in challenging marine environments.
- **Seal Compatibility:** Safe for use with common sealing materials, preventing damage or leakage.
- **Reduced Transmission Noise:** Promotes quieter operation, enhancing user comfort.

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

Usage Instructions

- Always follow the manufacturer's guidelines for your vessel or transmission.
- Ensure proper application to maintain performance and longevity of components.

Application

- Designed for marine transmissions requiring top-quality lubricants.
- Suitable for drive wheels and reverse gears across various categories.
- Meets and exceeds the performance requirements of leading transmission manufacturers.

Meets and Exceeds

Meets

- GL4/GL5, MT-1

OEM Approvals

- ZF TE-ML 02B
- ZF TE-ML 05A
- ZF TE-ML 12L
- ZF TE-ML 12N
- ZF TE-ML 16F
- ZF TE-ML 17B
- ZF TE-ML 19C
- ZF TE-ML 21A



Health, Safety and Environment

Avoid prolonged skin contact; wash with soap and water if contact occurs.

Use proper protective equipment when handling. Refer to the Safety Data Sheet (SDS) for detailed health and safety guidelines.

Storage and Handling

- **Storage Conditions:** Store in a cool, dry place. Protect from freezing and direct sunlight.
- **Maximum Storage Temperature:** Never exceed 60°C.
- **Environment:** Dispose of used oil at authorized collection points. Avoid releasing into soil, drains, or waterways.

