



ATLANTIC TOP GEAR OIL

SAE 80W90 GL5

Extreme – Pressure Automotive Transmission Oils – API GL-5



DESCRIPTION

ATLANTIC TOP GEAR OIL SAE 80W90 GL5 is a multi-grade mineral automotive gear oil manufactured with modern extreme pressure additives and friction modifiers, meeting the requirements of API GL-5 and MT-1, as well as many other manufacturer specifications. It contains the correct dosage of limited-slip additive eliminating the need for an additional product when used in limited slip differentials. Through their mono-grade and multi-grade viscosity characteristics they meet the requirements of several automotive manufacturers for passenger cars and commercial trucks or buses.

APPLICATIONS

ATLANTIC TOP GEAR OILS SAE 80W-90 API GL-5 is designed for use in differentials, both hypoid and limited slip, manual gearboxes, transfer cases and transaxles in passenger cars, light commercials, 4WDs, trucks, construction, earthmoving and agricultural equipment, where this viscosity grade is required.

PROPERTIES

ATLANTIC TOP GEAR OIL SAE 80W90 GL5 provides a superior level of protection in heavy duty conditions including shock loads, preventing wear and maintaining the life of critical parts. The multi-purpose formulation allows greater flexibility while minimizing inventory levels, especially for differential applications.

PERFORMANCE FEATURES AND BENEFITS

- Anti-shudder additive technology
- Superior thermal stability
- Longer drain intervals
- Compatible with all seal and metal types
- Minimizes inventory
- High safety margin against foaming and corrosion
- Superior protection against scoring & spalling wear
- Maintains cleanliness & reduces abrasive wear
- Very good wear protection, even under severe load conditions.

RECOMMENDATIONS / SPECIFICATIONS

API GL-5, MT-1/PG-2, MIL-L-2105D, L-2105 C, L-PRF-2105E, GM HN 1181/1187/1386/1561, China National GB 13895-1992, Ford ESW-M2C1006-B/1013-A/104-A/105-A/197-A, MB 235.20, MAN 342 M-1, MAN 342 M2, VOLVO 97310, SAE J2360, DAF, ZF TE-ML 05A, 05B, 07A, 08, 12E, 16B, 16C, 17B, 19B, 21A, IVECO Axles, MB 235.0 / 235.1

Meets or exceeds the quality requirements of numerous vehicle manufacturers such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE:	AL-GO-25003
SAE Grade	80W90
Density at 15°C, g/ml, ASTM D4052	0.896
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	129.9
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.62
Viscosity Index, ASTM D2270	113
Flash Point(COC), °C, ASTM D92	216
Pour Point, °C, ASTM D97	-18
Brookfield Viscosity @ -26 °C, Cp, ASTM D2983	1,50,000 MAX

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

ATL/PDS/GO/012-12757GO/02*, 01.06.25, Page 1/1

* supersedes all previous versions

Packing: 1L, 4L, 5L, 18L, 20L, 25L, 200L, 205L, 208L, 210L