



GEAR 80W-90 GL5 - MINERAL

Description:

Multigrade mineral lubricant for automotive gears. Manufactured with modern extreme pressure additives and friction modifiers, it meets the requirements of API GL-5 and MT-1, as well as many other manufacturers' specifications. Contains the correct dosage of limited slip additive, eliminating the need for additional product when used in limited slip differentials. Due to its mono- and multigrade viscosity characteristics, it meets the requirements of various automotive manufacturers for passenger cars and commercial trucks or buses.

Applications:

Designed for use in differentials, both hypoid and limited slip, manual gearboxes, transfer cases and transaxles of passenger cars, light commercial, 4x4, trucks, construction, earthmoving and agricultural equipment, where this viscosity grade is required.

Properties:

Provides a superior level of protection under heavy-duty conditions including shock loads, preventing wear and maintaining the life of critical parts. Its multi-purpose formulation allows greater flexibility while minimizing inventory levels, especially for differential applications.

Product benefits:

- Anti-vibration additive technology.
- Superior thermal stability.
- Longer oil change intervals.
- Compatible with all types of seals and metals.
- Minimizes inventory.
- High margin of safety against foaming and corrosion.
- Superior protection against scratching and spalling wear.
- Maintains cleanliness and reduces abrasive wear.
- Very good wear protection, even under severe loading conditions.

Propiedades técnicas:

TYPE OF ANALYSIS	METHOD	RESULT
SAE Grade		80W90
Density 15°C, g/ml	ASTM D-4052	0,913
Kinematic Viscosity at 40°C, mm ² /s	ASTM D-445	129,9
Kinematic viscosity at 100°C, mm ² /s	ASTM D-445	14,62
Viscosity Index	ASTM D-2270	113
Flash point, °C	ASTM D-92	216°C
Pour point, °C	ASTM D-97	-18°C
Brookfield viscosity	Maximum temperature for a viscosity of 1,50,000 cP °C	-26

** Note: These characteristics are representative of current production. Although future production will conform to current specifications, variations in these characteristics may occur.*





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Specifications / Recommendations:

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

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

Health and Safety:

Based on available information, this product is not expected to cause adverse health effects when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS/SDS) are followed. MSDS's are available upon request through your sales contact office.

This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

