



GEAR OIL GL-5

Gear Oil is a high performance automotive gear lubricant, formulated from highly refined base oils and extreme pressure Sulfur-Phosphorous additives, which reduce the coefficient of friction and wear by providing a lubricating film between work surfaces. Its multi-viscosity characteristics allow its use in a wide range of room temperature.

USES

Recommended for a wide variety of automotive transmissions, mechanical gearboxes, transfer cases, hypoid differentials, and other automotive transmission components in passenger vehicles, buses, and heavy-duty trucks, where an API GL-5 oil in the grade is recommended. SAE recommended.

PROPERTIES

- Minimizes friction wear, providing a longer life for the gears.
- Excellent thermal stability and resistance against corrosion.
- Releases the heat generated during contact with the gears, avoiding the formation of small cracks or ridges between the gear teeth.
- Protection against rust and oxidation.
- Resistant to foaming.
- High adherence. Prevents oil detachment from gear teeth when operating at high speeds.
- Do not apply in synchronized systems of copper material with API GL-4 specification.
- Do not apply to self-locking or limited-slip (LS) differentials.

SPECIFICATIONS

Meets the standards recommended by gear manufacturers: AGMA 250.04 and API GL-5 service level. Meets and exceeds the following performance requirements:

- API GL-5
- MIL-L-2105D

Manufacturers Requirements:

- MAN 342N - M-2, M-1
- ZF TE-ML 05A / 07A / 12E / 16B / C&D 17B
- ZF TE-ML 19B and 21A
- AISE 224 (formerly US Steel 224)
- Volvo 1273.10

HEALTH AND SAFETY

This product does not present a health or safety risk as long as good personal and industrial hygiene practices are maintained. In case of contact with the skin, wash immediately with soap and water.

Protect the environment

Do not pour used oil down drains or gutters. Dispose of waste responsibly. For more information, request the Safety Data Sheet.



TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES	
SAE grade		SAE J306	80W-90	85W-140
Density @ 15 ° C	Kg/L	ASTM D-4052	0.89	0.91
Kinematic Viscosity @ 40 ° C	cSt	ASTM D-445	157.5	341
Kinematic Viscosity @ 100 ° C	cSt	ASTM D-445	16.0	26.2
Brookfield Cp Viscosity, at 26 ° C	°C	ASTM D-2983	60.000	55.000
Viscosity Index		ASTM D-2270	106	101
Flashpoint	°C	ASTM D-92	236	228
Foam, Sequence II, Tendency to Stability	mL	ASTM D-892	30/0	40/0
Pour point	°C	ASTM D-97	-27	-21

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product, or the performance.

AVAILABLE SIZES

GEAR OIL GL-5
5 gal bucket
55 gal cylinder
3.785 L gallon
0.946 L bottle