



**GARUDA
LUBRICANTS**

GARUDA SYNTHETIC GEAR OIL SAE 80W90 GL-5

Product description

Garuda GEAR OIL SAE 80W90 GL-5 is a high performance extreme pressure gear oil formulated with high-quality base oils and selected additives to provide excellent protection against wear, rust, corrosion, and foaming. Designed to deliver reliable operation under severe conditions, including shock-loading and high-temperature environments in automotive gear systems.

Applications

Recommended for hypoid and spiral bevel gear differentials in passenger cars, trucks, construction and agricultural equipment, and manual transmissions where API GL-5 performance is specified. Also suitable for high-performance gear applications requiring anti-scuff protection.

Features & Benefits

- Superior protection against wear and pitting
- Excellent thermal and oxidative stability
- Effective rust and corrosion inhibition
- Minimizes foaming
- Prolongs gear life and oil service intervals

Meets & Exceeds Requirements Of:

API GL-5, MIL-L-2105D, MAN 342 Typ M1, Scania STO 1:0, ZF TE-ML 05A/07A/12E/16B/17B/19B/21A, Mack GO-J

Typical Properties

Property	Test Methods	Typical Value
SAE Grade		80W-40
Viscosity @ 100°C (cSt)	ASTM D445	17.41
Viscosity @ 40°C (cSt)	ASTM D445	159.8
Viscosity Index	ASTM D2270	118
Pour Point (°C)	ASTM D97	-21
Flash Point (°C)	ASTM D92	246
Density @ 15°C (g/cm³)	ASTM D1298	0.8890

Caution

Avoid skin and eye contact. Wash skin thoroughly after handling. Launder contaminated clothes before re-use. Repeated contact with used oil has caused skin cancer in laboratory animals. Keep out of reach of children. Combustible. Avoid environmental pollution. Manufactured from 100% virgin refined base oil with excellent chemical additive.

