

SCARLINE

LUBRICANTS & GREASE EXPERTS

TRANSMISSION 80W-90 GL-5

SCARLINE TRANSMISSION 80W-90 GL-5 is a premium mineral-based automotive gear oil fortified with advanced extreme- pressure (EP) additives to meet API GL-5 performance requirements. It is designed to provide exceptional protection for heavily loaded hypoid gears and final drive axles operating under severe conditions. The high-performance additive system ensures excellent wear protection, oxidation stability, and corrosion resistance, extending component life and maintaining performance over extended drain intervals. It can be used at hypoid, spiral bevel, and other gear sets in passenger cars, SUVs, light and heavy-duty trucks

Features and Benefits

- Meets API GL-5 for extreme pressure performance in hypoid gears.
- Excellent load-carrying capacity to prevent gear scuffing and wear under heavy loads.
- Outstanding thermal and oxidation stability for long oil life.
- Protects against rust and corrosion in harsh environments.
- Minimizes sludge and deposit formation for cleaner gearboxes.
- Superior film strength for continuous protection under high torque.
- Good seal compatibility to prevent leaks.
- Year-round performance in a wide range of operating temperatures.

Specifications

Meets and Exceeds:

API GL-5; DTFR 12B100 (MB 235.0); Ford SQM-2C-9002 AA; MIL-L-2105 D; Iveco 18-1807 MG; MAN 342 TYPE M2; MAN 341 Type E2; Mack GO-G; VOLVO 97305; Scania STO 1:0; LOVAT LOV-204; ZF TE-ML 05A/12E/16B/17B/19B/21A

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	14,8 – 17,5
Viscosity Index	ASTM D2270	Min. 100
Density @ 15°C g/ml	ASTM D4052	0,880 - 0,895
Flash Point, °C	ASTM D92	Min. 210
Pour Point, °C	ASTM D97	Max. -24

Health & Safety

Avoid prolonged or repeated contact with used oil. Wash skin thoroughly after handling. Refer to the product's Safety Data Sheet (SDS) for more details.