



PRODUCT INFORMATION & DATA SHEET

PRO-SHIFT GL-5 75W-90

Ultra-performance hypoid gear oil.

A multi-functional high viscosity index (VI) fully synthetic gear oil meeting the latest industry requirements. Designed for universal application in hypoid and non-hypoid axles without limited-slip system of passenger cars, 4X4 vehicles, commercial trucks and working machines subjected to high shock load and heavy-duty operation. It enables maximum foam and wear protection and smooth gear engagement.

Performance levels

API GL-5/ MT-1, Isuzu LCV Front Axle Oil, Mack GO-J, MAN 341 Type Z2/ 342 Type M3/ 342 Type S1, Meritor O-95, MB 235.8, SAE J2360, Scania STO 1:1 G/ STO 2:0A FS, Renault Trucks, Volvo 97312, ZF TE-ML 05A/ 12L/ 16F/ 17B/ 19C/ 21A

Some of the benefits of using this transmission fluid

- Consists of unique friction properties to eliminates shifting problem (e.g. gearbox drag at high running temperature) and reduces fuel consumption.
- Excellent thermal stability resists oxidation and breakdown of the fluid even under extreme operating temperature and shocking loads.
- Features outstanding anti-wear additives to prevent the formation of high torque wear and high-speed scoring.
- High and stable VI allows maximum "stay-in-grade" of viscosity and excellent lubrication performance at a broad bandwidth of operating temperatures.
- Reliable protection against foam, acids, corrosion and rust, as well as maintaining the cleanliness of the transmission systems to improve durability.
- Very high additives reserve allow extended change interval (according to the OEM recommendation) and ensure the highest efficiency of the systems.

Areas of application

Universally applicable in high-load manual gearboxes, hypoid gears, transaxles and transfer cases without limited-slip differential requiring a 75W-90 gear oil with API GL-5 performance standard.

Service recommendation

Follow the OEM recommendation in choosing the right gear oil. Drain and fill with new gear oil according to operating instructions. Compatible and miscible with commercially available synthetic and conventional gear oils of this specification. However, peak performance is guaranteed only upon using alone, a complete oil change is highly recommended.

Typical properties

SAE Viscosity		75W-90
Viscosity Index (VI)	ASTM D2270	165
Viscosity at 100 °C; mm ² /s	ASTM D445	16.0
Viscosity at 40 °C; mm ² /s	ASTM D445	105.4
Density at 15 °C; kg/m ³	ASTM D4052	863.0
Foam Test	ASTM D892	Pass
Flash Point; °C	ASTM D92	210
Pour Point; °C	ASTM D97	-42

Application note

Suitable for initial fill, topping-off, and refill where an API GL-5 specified 75W-90 gear oil is recommended. Not recommended for API GL-4 application.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.