



PRODUCT INFORMATION & DATA SHEET

PRO-SHIFT GL-5 LS 75W-140

Fully synthetic limited-slip differential (LSD) gear oil.

PAO based fully synthetic EP Gear Oil with a sufficient dose of limited-slip (LS) additive specially for a number of limited-slip and non limited-slip applications in heavily-loaded differentials, hypoid axles and manual gearboxes requiring a hypoid gear oil with 75W-140 viscosity grade. It features the optimal level of extreme-pressure load carrying capability and thermal stability even when operating under the most severe, hot oil conditions. Suitable for limited slip top-off or drain-and-fill application.

Performance levels

API GL-5/ GL-5 +LS, BMW Rear Axle Oil, Ford WSL-M2C192-A/ XY-75W140-QL, GM 12346140/ 9985991/ 89021591, MB 235.61, Nissan 999MP-DF100P, SAE J2360, Toyota/Lexus 00289-75140, ZF TE-ML 12D/ 16G/ 18/ 21D

Some of the benefits of using this transmission fluid

- Consists excellent limited-slip agents to eliminate chatter and noise under extreme operations, without requiring an additional friction-modifier additive.
- Excellent thermal stability resists oxidation and breakdown of the fluid even under extreme operating temperature and shocking loads.
- 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 the service life.

Areas of application

Suitable for the heaviest load manual gearboxes, transfer cases, hypoid gears with and without limited-slip locking differentials in high-performance vehicles, commercial trucks and working machines, where a 75W-140 gear oil of this specification is recommended. This product can be applied in rear axles whenever an API GL-4 specification is required. It meets stringent requirements of BMW to be used in their rear axles.

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

<u>SAE Viscosity</u>		75W-140
Viscosity Index (VI)	ASTM D2270	177
Viscosity at 100 °C; mm ² /s	ASTM D445	24.3
Viscosity at 40 °C; mm ² /s	ASTM D445	175.4
Density at 15 °C; kg/m ³	ASTM D4052	875.0
Foam Test	ASTM D892	Pass
Flash Point; °C	ASTM D92	223
Pour Point; °C	ASTM D97	-46

Application note

Suitable for initial fill, topping-off, and refill where an API GL-5 specified 75W-140 gear oil is recommended..

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.