



## PRODUCT INFORMATION & DATA SHEET

### PRO-SHIFT GL-5 LS 75W-85

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

PAO based fully synthetic gear oil with an appropriate dose of limited-slip (LS) additive for the application in axles and differentials (particularly those requiring limited-slip agents) and transfer cases of passenger cars, off-road vehicles and commercial trucks, where an API GL-5 specified 75W-85 viscosity grade gear oil is recommended. The exceptional frictional properties provide an improved fuel saving potential and long-lasting wear protection, and a higher degree of operating efficiency in the limited-slip differential (LSD).

#### Performance levels

API GL-5/ GL-5 +LS, BMW Hypoid Axle Oil G1/ G2/ G4, Chrysler MS-A0450/ ELSD, Fiat 9.55550-DA8/ 9.55550-DA9, Ford WSS-M2C942-A/ XY-75W85-QL, GM 19418501/ 88862826/ 92184900, Honda HGO-1, Mazda K020-01SG1, MB 235.7/ 235.74/ 239.71/ 239.72, Mopar LL Hypoid Gear Oil, SAE J2360, Toyota 08885-81060/ 08885-81070/ JWS 2273, VW G052 145 A1/ G052 190 A2/ G052 513/ G055 190 A2

#### 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.
- Outstanding low-temperature fluidity and pumpability contribute in easier start and wear protection even in the most narrow gap of moving parts.
- 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 non-synchronized manual gearboxes, limited-slip differentials and hypoid axles required an API GL-5 performance fluid. Ideally suitable for most of the Japanese vehicles with a limited-slip transmission design, where SAE 75W-85 gear oil is recommended by the manufacturer.

#### 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

<b>SAE Viscosity</b>		<b>75W-85</b>
Viscosity Index (VI)	ASTM D2270	175
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	12.5
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	63.8
Density at 15 °C; kg/m <sup>3</sup>	ASTM D4052	864.0
Foam Test	ASTM D892	Pass
Flash Point; °C	ASTM D92	215
Pour Point; °C	ASTM D97	-46

## Application note

Suitable for initial fill, topping-off, and refill where an API GL-5 specified 75W-85 gear oil is recommended. Not recommended for API GL-4 application.

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## 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.