



## PRODUCT INFORMATION & DATA SHEET

### DURA-SHIFT GL-5 LS 85W-140

High-performance limited-slip differential axle gear oil.

An extra heavy-duty gear oil developed with selected base oils and an appropriate dose of limited-slip (LS) additive for differentials (particularly with limited-slip requirement), hypoid gears, rear axles and final drives subjected to severe operating conditions (e.g. immediate high torque at low speed). This EP Gear Oil is designed to meet the most demanding extended drain requirements. The effective limited-slip performance and excellent friction properties ensure the clutch slips smoother and reduce chattering noise, as well as reliably protect against high-speed scoring and high torque wear even under the most extreme operating conditions as expected. Excellent seal compatibility.

#### Performance levels

API GL-5/GL-5 +LS, Ford WSS-M2C940-A, MIL-L-2105 D, ZF TE-ML 05A/07A/12E/16C/16D/19B

#### Some of the benefits of using this transmission fluid

- Consists excellent limited-slip agents to eliminate chatter and noise even under the toughest operations, without requiring an additional friction-modifier additive.
- Fortified with excellent extreme-pressure properties, allow very good load carrying capacity even under high torque conditions and heavy continuous loads.
- Favorable cold cranking behaviour offers fast oil flow and penetration after cold-start, allows easier start and prevents "cold-start" wear.
- Optimum thermal stability prevents the oxidation and degradation of oil, as well as ensures low tendency of foam formation even at high operating speed.
- Stable lubricating film within the service interval even with long period of hot oils and shear stressed. As results the gear operating noise and wear are reduced.

#### Areas of application

For application in heavily loaded limited-slip and non-limited differentials, hypoid gears, axles and final drives of passenger cars, SUVs, buses, trucks and off-highway machines under the toughest working characteristics, including low-speed/high-torque, high-speed/low torque and high shock load that require a 85W-140 gear oil of this specification.

#### 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>85W-140</b>
Viscosity Index (VI)	ASTM D2270	97
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	28,3
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	354,0
Density at 15 °C; kg/m <sup>3</sup>	ASTM D4052	909.0
Foam Stability	ASTM D892	Pass
Flash Point; °C	ASTM D92	222
Pour Point; °C	ASTM D97	-18

## Application note

Suitable for initial fill, topping-off, and refill of enclosed type gearing where a 85W-90 LSD Gear Oil of this specification 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.