



PRODUCT INFORMATION & DATA SHEET

DURA-SHIFT GL-5 80W-140

High-performance hypoid axle gear oil.

Specially engineered 80W-140 viscosity EP Gear Oil with a higher viscosity index (VI) for heavy-duty hypoid gears and drivetrains demand longer drain interval and optimum load-carrying capacity where the toughest pressure and shock load are expected. This gear oil provides maximum protection against low-speed/high torque wear and high-speed scoring in both short-haul and long-haul operations. Recommend for use in a wide range of application requiring the MIL-PRF-2105E specification. Excellent seal compatibility.

Performance levels

API GL-5/MT-1, Ford M2C190-A, GM HN 2040, MIL-L-PRF-2105E, ZF TE-ML 05A/07A/12M/16F/21A/21F

Some of the benefits of using this transmission fluid

- An increased viscosity index gear oil with unique VI improver offer better performance and fluid longevity compared to commercially available mineral blend product but more economical than a synthetic product.
- 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 to 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 API GL-5 and API MT-1 applications in heavy-load manual gearboxes, hypoid gears, axles, differentials and final drives of buses, trucks and off-highway machines required with or without the recommendation of extended drain interval.

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>		80W-140
Viscosity Index (VI)	ASTM D2270	129
Viscosity at 100 °C; mm ² /s	ASTM D445	27.5
Viscosity at 40 °C; mm ² /s	ASTM D445	266.8
Density at 15 °C; kg/m ³	ASTM D4052	895.0
Foam Stability	ASTM D892	Pass
Flash Point; °C	ASTM D92	218
Pour Point; °C	ASTM D97	-27

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.