



PRODUCT INFORMATION & DATA SHEET

DURA-SHIFT GL-5 80W-90

High-performance hypoid axle gear oil.

High-performance EP Gear Oil based on selected combination of base oil and cutting-edge additives to ensure maximum levels of performance during tough-duty applications (without "limited-slip" requirements) in passenger cars, commercial trucks and working machines. This gear oil features a stable lubricating film, which is capable of resist high load and extreme operating temperature, and effectively protects against the formation of acid, corrosion and varnish. Excellent seal compatibility.

Performance levels

API GL-4/GL-5, Ford ESW-M2C105-A, Mack GO-J, MAN 342 Type M1/M2, MB 235.0, MIL-PRF-2105E, SAE J2360, Scania STO 1:0, Volvo 97310

Some of the benefits of using this transmission fluid

- An ideal SAE 80W90 grade product due to its multifunctional usage in manual gearboxes (synchronized and non-synchronized), hypoid axle gears, transfer cases and final drives.
- 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

A universal product for a wide range of API GL-4 and GL-5 applications in heavy-load manual gearboxes, hypoid gears, drive axles, final drives and transfer cases of passenger cars, SUVs, buses, trucks and off-highway machines require a gear oil with a viscosity grade of SAE 80W-90.

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-90
Viscosity Index (VI)	ASTM D2270	128
Viscosity at 100 °C; mm ² /s	ASTM D445	15,6
Viscosity at 40 °C; mm ² /s	ASTM D445	117,8
Density at 15 °C; kg/m ³	ASTM D4052	880.0
Foam Stability	ASTM D892	Pass
Flash Point; °C	ASTM D92	196
Pour Point; °C	ASTM D97	-30

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.