



PRODUCT INFORMATION & DATA SHEET

PRINCE® MAXX-SHIFT GL-5 80W-90 4T

A high-performance gear oil fortified with advanced additives that include excellent extreme-pressure properties and frictional coefficient for normal to high load drive axles and gearboxes in 4-stroke motorbikes. Designed with unique formula for universal use in according to API GL-4 and API GL-5 performance level. It features high lubrication film resistance and viscosity stability at large temperature bandwidth. It facilitates easier gear-shifting performance and reduces running noise and wear formation during all operating conditions such as low-speed, high-speed, shocks in short and long journey, etc.

This product fulfils the performance level:

API GL-5

Some of the benefits of using this transmission fluid:

- An EP formula to protects most stressed transmissions and final drives.
- Contains detergent and dispersant agents to maintain the cleanliness of transmissions.
- Designed to compatible with all sealing materials.
- Excellent aging and oxidation resistance prevent fluid degradation and protect against corrosion.
- Facilitates flawless gear changing characteristic and reduces operating noise.
- High-pressure absorption capacity prevents foam and fluid breakdown.
- Optimum frictional characteristic to minimize wear and ease fuel economy.

Areas of application

Developed for moderate to very high-load gearboxes and final drives without limited slip system where manufacturers require using a SAE 80W-90 gear oil. Suitable for both synchronized and non-synchronized gearboxes.

Ideal for used in 4-stroke engines fitted in on-road and off-road motorbikes that include street bikes, enduros, trails, UTVs, quads and more.

Suitable for initial fill and top-up applications. It can be done according to manufacturer's requirement as well as adjust according to your own use.

Can be used whenever it prescribed a transmission fluid that compliance to API GL-4 or GL-5 performance standard.

Typical properties

SAE Viscosity		80W-90
Viscosity Index (VI)	ASTM D2270	109
Viscosity at 100 °C; mm ² /s	ASTM D445	15.2
Viscosity at 40 °C; mm ² /s	ASTM D445	145
Density at 15 °C; kg/m ³	ASTM D4052	885.0
Foam Test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	220
Pour Point; °C	ASTM D97	-32

Service recommendations

Observe the warranty and owner's manual for the requirement of this gear oil. Follow the operating instructions from manufacturers, drain and replace with new gear oil according to manufacturers' recommendation.

Commercially available product compatibility

Peak performance is guaranteed only upon using alone without mixing with other commercially available transmission fluids.

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.