



PRODUCT INFORMATION & DATA SHEET

PRINCE® MARINO ULTRA-PERFORMANCE GEAR OIL GL-5 SAE 80W-90

A high-performance extreme-pressure (EP) gear oil designed for both heavy-duty and regular marine transmission systems. This viscosity grade is particularly suitable for sporting applications such as tow-sports and racing, where other conventional gear oils just did not perform. It can be used where any situation require using a SAE 75W-90 gear oil. Contains anti-foam, corrosion inhibitor and seal conditioner additive package for unsurpassed and long-lasting salt and fresh water environment protection.

This product fulfils the specification:

API GL-5

Some of the benefits of using this transmission fluid:

- Anti-foam agents work well to prevent cavitation at high revs cruising condition.
- Contains special rust and corrosion inhibitors for maximum humid protection.
- Excellent ageing stability and oxidation resistance allow long-lasting fluid performance.
- High-pressure absorption capability even from idle to instant full load operation.
- Highest shear and thermal stability to ensure highest safety reserve and long fluid life.
- Reliably repels water, prevents moisture absorption within long storage duration.
- Optimum protection against wear and tear as well as reduces noise.
- Outstanding low-temperature lubrication flow with low pour point characteristic.
- Very good material compatibility. No harm to plastic and rubber sealing materials.

Areas of application

Designed for marine applications require a API GL-5 gear oil with SAE 80W-90 or 75W-90 viscosity. Lubricates and protects lower unit gearbox systems in outboard and sterndrive engines subject to normal to very high load.

Due to its measure-to-made high viscosity index (VI) and outstanding extreme-pressure absorption capacity, hence it is highly recommended for marine racing applications that require the viscosity grade of this gear oil.

Ideal for application in V-drive system. Suitable for use in bearings.

Service recommendation

Follow the operating instructions from manufacturers, drain and replace with new gear oil according to manufacturers' recommendation.

Typical properties

Viscosity index	ASTM D2270	117
Viscosity at 100 °C; mm ² /s	ASTM D445	17.2
Viscosity at 40 °C; mm ² /s	ASTM D445	158.8
Density at 15 °C; kg/m ³	ASTM D941	889.0
Foam test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	210
Pour Point, °C	ASTM D97	-29

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.