



## PRODUCT INFORMATION & DATA SHEET

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

An exceptional extreme-pressure (EP) SAE 90 gear oil that has been engineered to protect marine transmission systems at high operating load under high temperature. Features unique tackifier agents to enhance oil film adhesion and wear protection to improve operational reliability. Contains anti-foam, corrosion inhibitor and seal conditioner additive package for maximum 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 longer 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

Primarily designed for wide range of lower unit gearbox systems in outboard engines subject to normal to high load that required a SAE 90 gear oil. Suitable for sterndrive unit applications.

### 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	105
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	16.6
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	172
Density at 15 °C; kg/m <sup>3</sup>	ASTM D941	891.0
Foam test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	200
Pour Point, °C	ASTM D97	-18

## 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.