



PRODUCT INFORMATION & DATA SHEET

PRINCE® MARINO RACING 4T SAE 25W-50

The Ultra High-Performance Maritime Racing Motor Oil.

PRINCE® MARINO RACING 4T SAE 25W-50 is guaranteed to deliver maximum lubrication for racing engines that are performing at maximum output under very high operating temperature. Our unique engineering achieved optimum lubrication film strength without adding viscosity improver agents, thus this lubricant is possible to withstand the highest thermal stress and heaviest load. The stable and high viscosity index maintains constantly high oil pressure level to avoid engine damage caused by heat breakdown.

This motor oil meets the performance standards of following specifications:

API SM, NMMA FC-W Catalyst Compatible

We recommend this product to be use on:

Mercury Racing, Mercury EFI Sterndrive, Mercury Verado Outboards

Some of the benefits of using this motor oil:

- Anti-clogging and anti-foaming properties designed to protect all oil filters and prevent air bubbles entered into oil circuit system.
- Contains excellent additive and inhibitor package to provide unsurpassed protection against wear, corrosion and rust in the most extreme environment.
- Excellent shear and viscosity stability allow lubricant to 'stay-in-grade' to ensure constant lubrication reliability and longer service life.
- High thermal resistant properties prevent thermal breakdown and additive depletion under high Rpm and heavily-loaded operating conditions.
- Low oil evaporation loss characteristic even under high-load, keeps engine seals as always, thence reduce oil consumption
- Optimum lubricating film strength even operating in the most severe conditions under heat stressed and large temperature bandwidth.
- Oxidation resistance ensures engine parts cleanliness by eliminating high-temperature deposits, sludge, residues and varnish.

Areas of application

Designed especially for sporting applications that including tow-sports and racing. Suitable for new and older powerful heavy-duty gasoline four-stroke engines equipped with and without catalytic converter.

Contains comprehensive marine additive package that include our unique 'race-ready' additives to deliver unsurpassed protection and maximum performance for heavily-loaded marine engines. Tested on oil performance in large V12 and V10 Mercury Verado outboard engines.

Typical properties

SAE Viscosity		25W-50
Viscosity Index (VI)	ASTM D2270	120
Viscosity at 100 °C; mm ² /s	ASTM D445	21.4
Viscosity at 40 °C; mm ² /s	ASTM D445	192
Density at 15 °C; kg/m ³	ASTM D4052	882.0
Noack Volatility; % m/m	ASTM D5800	4.7
Flash Point; °C, open cup	ASTM D92	232
Pour Point; °C	ASTM D97	-30
Total Base Number	ASTM D2896	7.3

Service recommendations

Follow the service interval and operating instructions of manufacturers. Can as well be tuned to own use. Recommend to flush before add in new oil. Change oil filter at time of oil change.

Commercially available product compatibility

Our synthetic 4T motor oil is compatible with fully synthetic, semi-synthetic and conventional mineral oils. However, peak performance is guaranteed only upon using alone without mixing with other motor oils.

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.