



TECHNICAL DATA SHEET

ALPHEUS VR-3

2-Stroke Outboard Engine Oil

DESCRIPTION:

Rymax Alpheus VR-3 is a high-quality two-stroke cycle engine oil designed specifically for water-cooled outboard motors, catering to both small and large power outputs. This premium oil is formulated to meet the recommended fuel to oil ratios specified by Original Equipment Manufacturers (OEMs), ensuring optimal performance and longevity of your outboard motor. In addition to its primary application in outboard motors, Alpheus VR-3 is also well-suited for motorcycle and snowmobile engines, particularly when the manufacturer calls for a NMMA TC-W3 approved oil. Its exceptional formulation is specially crafted for oil injected engines, providing superior lubrication and protection. Moreover, Alpheus VR-3 meets the SAE Fluidity/Miscibility (F/M) Grade 3 standard, further attesting to its high performance and compatibility across a range of operating conditions. It has received the stamp of approval from the National Marine Manufacturers Association (NMMA) against their stringent TC-W3 specification, demonstrating its adherence to the highest industry standards.

Rymax Alpheus VR-3 satisfies the warranty requirements of renowned engine manufacturers, including Johnson, Evinrude, Mercury Marine, and Chrysler. This endorsement highlights the oil's reliability and ability to maintain optimal engine performance, assuring you of its exceptional quality and trustworthiness.



PERFORMANCE LEVELS:

- NMMA TC-W3

BENEFITS:

- **Minimizes pre-ignition** helps significantly reduce the occurrence of pre-ignition, ensuring a smoother and more reliable engine operation.
- **Excellent protection against rust and corrosion**, safeguarding the vital components of your outboard engine from damage caused by moisture and harsh marine environments.
- **Contains a quick-mix additive** that simplifies the process of mixing the oil with fuel, making it easier and more convenient for you to prepare the fuel/oil mixture for your engine.
- **Reduces engine wear and varnish build-up** helps prolong the lifespan of your outboard engine and maintains its optimal performance.
- **Suitable for oil injection (up to 40°C) and pre-mixed fuel/oil lubricated engines** is designed to work seamlessly in both oil injection systems, capable of handling temperatures of up to 40°C, as well as in pre-mixed fuel/oil lubricated engines.
- **Reduces smoke emissions** resulting in a cleaner and more environmentally-friendly operation.

TYPICAL PROPERTIES

	Unit	Blue
Density 15 °C:	Kg/m ³	870
Viscosity 40 °C	cSt	42.3
Viscosity 100 °C	cSt	6.8
Viscosity Index		116
Pour Point	°C	-33
Flash Point	°C	132
Total Base Number (TBN)	mg KOH/g	8



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All performance data on this Technical Data Sheet are indicative only and can vary during production

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