

## **TECHNICAL DATA SHEET**

# **ALPHEUS XL-4 10W-40**

4-Stroke Outboard Engine Oil

#### **DESCRIPTION:**

Rymax Alpheus XL-4 10W-40 is a premium 4-stroke outboard engine oil specifically designed for modern, high-output petrol-powered, water-cooled outboard engines, inboard/outboard motors, and personal watercraft. This high-quality oil surpasses the performance requirements of the National Marine Manufacturers Association's NMMA FC-W® specification for fourcycle water-cooled engines.

Alpheus XL-4 is meticulously formulated to excel in the demanding conditions of the marine environment, providing exceptional lubrication and superior protection against wear, deposits, rust, and corrosion.

This oil is recommended for use in the following high-output gasolinepowered 4-stroke water-cooled engines, meeting their warranty requirements:

Outboard Motors: Honda®, Mercury®, Yamaha®, Johnson®/Evinrude®, Bombardier/BRP®, Suzuki®, Nissan®, Tohatsu®.

Inboard/Outboard Motors: Mercruiser®, Volvo Penta®, OMC®, Chrysler®

Marine, Crusader®, Marine Power®, Chevrolet®, Ford®.

Personal Watercraft: Honda®, Yamaha®, Bombardier/BRP® (Sea-Doo®), Polaris®.



	Unit	10W-40
Density 15 °C:	Kg/m3	869
Viscosity 40 °C	cSt	92
Viscosity 100 °C	cSt	14
Viscosity Index		155
Pour Point	°C	-36
Flash Point	°C	>201



#### **PERFORMANCE LEVELS:**

- NMMA FC-W®
- API SL

### **BENEFITS:**

- Superior shear stability: Alpheus XL-4 maintains its viscosity even under high load and high-speed conditions, offering exceptional protection against viscosity loss. This results in superior wear protection for engines that operate under extended periods of heavy use.
- Enhanced rust protection: The advanced rust inhibitors present in Alpheus XL-4 safeguard your engine against rust and corrosion, even in harsh marine environments with saltwater. This ensures the longevity and reliability of your outboard engine.
- Easy cold starts: The oil's good lowtemperature fluidity facilitates smooth and easy cold starts, allowing for quick engine ignition even in colder weather conditions. This feature improves overall engine performance and reduces wear during startup.
- Superior engine cleanliness: Alpheus XL-4 is formulated with active cleaning agents that effectively maintain engine cleanliness. By preventing the accumulation of deposits and sludge, this oil ensures optimal engine performance and extends the life of critical engine components.

