



Product Name: SEGLÜR 2-Cycle Outboard Oil
Specification: API TC-W3
Quality: Ashless Synthetic Blend

Product Overview

SEGLÜR 2-Cycle Outboard Oil is a high-performance, **ashless synthetic blend 2-stroke engine oil** formulated to meet the **NMMA TC-W3** specification. It is designed for use in **water-cooled 2-cycle gasoline outboard engines** and provides outstanding cleanliness, wear protection, and corrosion resistance under harsh marine operating conditions. It minimizes carbon deposits on pistons and spark plugs and ensures clean, smoke-reduced operation.

Application

- Recommended for **2-stroke outboard motors** requiring **NMMA TC-W3** oils
- Suitable for use in **outboard engines, jet skis, personal watercraft (PWC), and small 2-stroke marine engines**
- For use in **oil-injection** and **premix systems** (follow engine manufacturer's ratio, typically 1:50)
- Compatible with engines from **Yamaha, Mercury, Evinrude, Suzuki, Johnson, Tohatsu,** and others

Performance Benefits

- **Ashless Additive System** – Prevents ring sticking, pre-ignition, and piston scuffing
- **Outstanding Lubricity** – Reduces wear under severe load and high RPM
- **Superior Detergency** – Maintains piston and combustion chamber cleanliness
- **Corrosion Protection** – Resists saltwater-induced rust and bearing pitting
- **Low Smoke & Odor** – Cleaner operation for marine environments
- **Excellent Miscibility** – Mixes instantly with gasoline in premix and injection systems.

Recommended For:

- Outboard engines operating in high-RPM marine environments
- Applications requiring low smoke, ashless, and water-cooled engine protection

Meets and approvals:

- Meets or exceeds **API TC-W3**
- Approved and registered with **NMMA TC-W3** licensing system
- Backward compatible with **TC-W** and **TC-WII** specifications

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Blue / Green dyed fluid





Density @ 15 °C	ASTM D4052	0.870 g/cm ³
Kinematic Viscosity @ 40 °C	ASTM D445	52 mm ² /s
Kinematic Viscosity @ 100 °C	ASTM D445	8.5 mm ² /s
Viscosity Index	ASTM D2270	135
Flash Point (COC)	ASTM D92	105 °C
Pour Point	ASTM D97	-33 °C
TBN	ASTM D2896	Not applicable (ashless formulation)
Ash Content	ASTM D874	<0.01 % wt
Color	Visual	Dyed (Blue/Green)

Mixing Ratio

Use as per manufacturer's instructions. Typical mix ratio: 1:50 (2%) unless otherwise specified.

Storage & Handling

- Store in a cool, dry place away from direct sunlight
- Keep containers tightly sealed
- Avoid contamination with water or other lubricants

Health, Safety, and Environment

- Refer to SDS (Safety Data Sheet) before use
- Avoid contact with eyes or prolonged skin exposure
- Do not dispose of used oil in water bodies or drains – recycle through authorized facilities

