



# 2-CYCLE PLUS

## Two-Stroke Marine Engine Oil

### Features & benefits

- Superior corrosion protection for salt and freshwater operation
- Excellent rust and corrosion protection
- Certified to the highest NMMA® performance standard TC-W3®
- Ashless formulation
- Suitable for premix and oil injection systems
- Specially formulated for outboards and other liquid-cooled 2-stroke engines
- Suitable for use in all 2-T DFI (Dual Fuel Injected) outboard engines, including Evinrude\* E-TEC\*, Optimax\*, Yamaha\*, Mercury\* etc.

### Specifications

✓ Meets requirements ■ Suitable for use

Specification	2-Cycle Plus
NMMA TC-W3® (Registration No. RL-541554C)	✓
ISO-L-EGD	✓
Direct Fuel Injection (DFI)	■
JASO FD	✓

### Typical results

Test Method	2-Cycle Plus
APPEARANCE	Dark Blue
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	48.42 7.90
VISCOSITY INDEX (D2270)	133
DENSITY @ 15°C (D4052), kg/L	0.87
POUR POINT (D5950), °C	-36
FLASH POINT – OPEN CUP (D92), °C	100
FLASH POINT – CLOSED CUP (D93), °C	94

### Sizes & order codes

Size	2-Cycle Plus
946 mL (1 US QT)	F0000115

\* All trademarked names. Irving Blending & Packaging has no affiliation or endorsement from these respective owners.

**2-Cycle Plus** is a premium lubricant for water-cooled outboard 2-stroke gasoline engines. This formulation was designed to meet two-stroke engines' demanding conditions, ensuring low carbon, ashless performance and improving ease of mixing with gasoline.

**2-Cycle Plus** is suitable for pre-mixed and modern oil injection systems. Its distinctive blue colour indicates that the oil has been pre-mixed into the gasoline. The ashless formulation ensures clean pistons and cylinders, minimizing deposits that can cause ring-sticking, port-plugging, and pre-ignition. It also effectively prevents rust and corrosion, a crucial feature in the humid environment of outboard engines.

**2-Cycle Plus** is recommended wherever the manufacturer requires an NMMA® TC-W3® certified lubricant.



**Always consult your owner's manual for verification of fluid type and grade!**

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to January 7, 2025.

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