



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## SEMI-SYNTHETIC 2-CYCLE LAND & SEA OIL TC-W3



Lucas Oil 2-Cycle Land & Sea Oil is formulated with the highest quality base oils available today and is certified to the NMMA TC-W3 ® Specification. Fortified with a proprietary, high performance, ashless detergent inhibitor package, Lucas Oil 2-cycle Land & Sea Oil minimizes spark plug fouling, pre-ignition, ring sticking, and combustion chamber deposits. It is low smoke and helps improve piston compression for more power by keeping rings clean and lubricated. It provides excellent rust protection, improved wear protection, and helps your engine run more efficiently and clean.

Lucas Oil 2-Cycle Land & Sea Oil is designed for use in pre-mixed and injected gasoline 2-cycle engines. We recommend it for outboard motors, personal watercraft, snowmobiles, motorcycles requiring API TC performance, as well as for lawn and garden and leisure vehicles using a 2-cycle engine. NMMA® certified (RL-00447K).

For 2-cycle engines requiring JASO FC & FD oils we recommend our Semi-Synthetic or Synthetic 2-Cycle Oils.

### PART NUMBER AND SIZE:

20467 – 946 mL (Case of 6)

10557 – 3.78 Litre (Case of 4)

### FEATURES AND BENEFITS:

- Meets or exceeds industry performance requirements.
- Expect longer ring life, less fuel consumption, and no filter clogging.
- Excellent rust protection
- Prevents piston and cylinder scuffing.
- Suitable for use in all marine outboard engines from Mercury, Evinrude, and Johnson Motors

### SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets or exceeds API TC & JASO FB specifications. National Marine Manufacturers Association TC-W3 ® Approved: RL-00447K.

### MAIN APPLICATIONS:

Primarily recommended for 2-stroke boats, outboards, and personal watercraft. May be used for other applications (e.g. lawn and garden, hobby engines) when an ashless 2-stroke engine oil is recommended by the OEM.



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## TYPICAL PHYSICAL CHARACTERISTICS:

| PROPERTIES              | ASTM  | TYPICAL    |
|-------------------------|-------|------------|
| API @ 600°F             | D4052 | 32.7       |
| Specific Gravity @ 60°F | D4052 | 0.862      |
| Lbs/US Gal @ 60°F       | D4052 | 7.19       |
| Viscosity @ 40°C cSt    | D445  | 41.5       |
| Viscosity @ 100°C cSt   | D445  | 7.5        |
| Viscosity Index         |       | 141        |
| Color                   |       | Blue/Green |
| Flash Point, COC @ °F   | D92   | 167        |
| Pour Point, °C          | D97   | -39        |

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

## LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.ca](https://www.LucasOil.ca)