



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## SYNTHETIC SAE 10W-40 4-STROKE OUTBOUND ENGINE OIL



Lucas Oil 4-Stroke Marine Engine Oil SAE 10W-40 is designed to improve wear protection and increase catalyst life in newer inboards using catalytic converters. Our formulation meets or exceeds numerous industry and OEM specifications, including JASO MA/MA-2 specifications, and is licensed against the NMMA® FC-W (CAT) performance specification. This formulation is also suitable for use in outboards, personal watercraft, or recreational vehicles where API SM performance level oils are recommended.

### PART NUMBER AND SIZE:

10662 - 1 Quart (Case of 6)  
10813 - 5 Quarts (Case of 3)  
10526 - 55 Gallon Drum

### FEATURES AND BENEFITS:

- Improved wear prevention and engine protection.
- Optimized formulation for increased catalyst life in newer inboards using catalytic converters.
- Exclusive Lucas Oil formulation to prevent rust and corrosion during storage or from saltwater.
- Safely blends and is compatible with synthetic and non-synthetic oils

### SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

NMMA® Certified # FC-00806L for FC-W (CAT) performance. Meets or exceeds the requirements of API SM and below performance levels, and JASO MA/MA-2 standards for air-cooled motorcycles and all-terrain vehicles.

### MAIN APPLICATIONS:

Lucas Oil 4-Stroke Marine Engine Oil SAE 10W-40 is recommended for inboard boats specifying a SAE 10W-40 viscosity grade, or in automotive applications where API SM is recommended. This product may also be used in 4-stroke outboards and 4-stroke personal watercraft.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	33.0
Specific Gravity @ 60°F	D4052	0.860
Density @ 60°F, Lbs/ Gal	D4052	7.16
Color	D1500	2.5
Viscosity @ 40°C cSt	D445	96.1
Viscosity @ 100°C cSt	D445	14.5
Viscosity Index	D2270	156
Flash Point, COC @ °F	D92	464

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.com](https://www.LucasOil.com)