

50:1 Outboard & 2-Cycle Motor Oil

Kendall® 50:1 Outboard & 2-Cycle Motor Oil is a low-ash engine oil designed primarily for use in small, low-output (less than 50 hp) 2-stroke cycle outboard engines. It also is recommended for use in small air-cooled 2-stroke cycle engines such as those found on lawn mowers, weed trimmers and leaf blowers.

50:1 Outboard & 2-Cycle Motor Oil is formulated with a low-ash, detergent additive package to help minimize engine deposits and reduce spark plug fouling and preignition problems.

Applications

- Low-output (less than 50 horsepower) 2-stroke cycle outboard engines⁽¹⁾
- Lawn-care equipment (mowers, weed trimmers, leaf blowers)

50:1 Outboard & 2-Cycle Motor Oil meets the requirements of:

- API Service TC
- JASO FB

⁽¹⁾ **Note:** 50:1 Outboard & 2-Cycle Motor Oil is **not** designed for use in direct oil injection systems or in engines rated over 50 hp. It has not been pre-diluted with solvent. For applications where the equipment manufacturer specifies an NMMA TC-W3®, TC-WII® or TC-W® quality lubricant, use Kendall GT-1® 2-Cycle Motor Oil.

Features/Benefits

- Low-ash formulation helps minimize engine deposits and preignition
- Minimizes piston ring sticking and helps reduce exhaust port blocking
- Protects against piston and cylinder scuffing
- Reduces spark plug fouling
- Protects against rust and corrosion
- Keeps engine parts clean
- Dyed for easy visibility when mixed with gasoline

**Low-Ash
Engine Oil For
Low-Output
2-Stroke Cycle
Engines**

CONTACT INFORMATION

**Phillips66
Lubricants.com**

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
**kendallmotoroil@
p66.com**



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Typical Properties

SAE Grade	30
Specific Gravity @ 60°F	0.891
Density, lbs/gal @ 60°F	7.42
Color, Visual	Blue
Flash Point (COC), °C (°F)	181 (358)
Flash Point (PMCC), °C (°F)	136 (277)
Pour Point, °C (°F)	-30 (-22)
Viscosity, Kinematic	
cSt @ 40°C	108
cSt @ 100°C	11.8
Viscosity Index	97
Sulfated Ash, ASTM D874, wt %	0.08

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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