

**COSMOS OUTBOARD OIL**

COSMOS Outboard is a premium performance, two-stroke, marine outboard motor oil formulated with a special ashless additive system. Outboard oil is prediluted with a high flash point, low aromatic content solvent to facilitate mixing with gasoline at all temperatures. COSMOS Cruiser Outboard is designed for engines requiring NMMA TC-W3® certified lubricants, operating in all service conditions.

FEATURES & BENEFITS

- Special blend of highly refined mineral oil and ashless additive system provides superior piston cleanliness and protection against ring sticking by minimizing deposit formation, thus maintaining combustion efficiency and protecting against power loss.
- enhanced lubricity to separate contacting surfaces with a tough lubricant film to protect against wear under high speed, peak performance conditions.
- ensures that ash-induced deposits are not formed in the combustion chamber, thereby eliminating the risk of destructive pre-ignition from this source.
- reduces spark plug fouling under all operating conditions.

PERFORMANCE LEVELS

- Exceed and meet the requirements of TCW3.

TYPICAL CHARACTERISTICS

Name	SAE 30
Kinematic Viscosity @ 40 °C mm ² /s	58.32
Kinematic Viscosity @ 100 °C mm ² /s	9.37
Viscosity Index	142
Density @ 15 °C kg/m ³	0.863
Flash Point COC °C	105
Pour Point °C	-33

These characteristics are typical of current production. Whilst future production will conform to COSMOS's specification, variations in these characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel injection is used.

HANDLING, HEALTH AND SAFETY

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, keep away from combustible materials. Store under cover and away from risk of pollution. Dispose off used oil correctly; don't pour down drains, into water courses or the soil.
- Take used oil to an authorized collection point.

HEALTH, ENVIRONMENT and SAFETY

- Guidance on Health and Safety are available on the appropriate Material Safety data Sheet that can be obtained from our representative.
- Take used oil to an authorized collection point. Do not discharge into drains, soil or water.