



## Outboard Engine Oil 10W-30

Product Code:78830

4-stroke Outboard & Sterndrive Engine oil

**Outboard Engine Oil 10W-30** is a premium 4-stroke engine oil specially designed for the most modern high output gasoline power, water cooled outboard / inboard and personal watercraft engines. It is specially developed to exceed the performance requirements of National Marine Manufacturers Association's specification NMMA FC-W Catalyst Compatible® (Four Cycle-Water specification).

**Outboard Engine Oil 10W-30** is based on a high quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Exceptional shear stability.
- Advanced rust inhibitors guard against rust & corrosion even in marine salt water environment.
- Good Low temperature fluidity assists easy cold start.
- Active cleaning agents provide superior engine cleanliness

**Outboard Engine Oil 10W-30** exceeds the following performance criteria:

NMMA FC-W

NMMA FC-W Catalyst Compatible

API SM

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-30
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	873
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	86
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	12.5
Viscosity Index		ASTM D2270	141
Viscosity CCS -25°C	cP	ASTM D5293	3700
Flash Point COC	°C	ASTM D92	201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	6.9
Sulphated Ash	%Wt	ASTM D874	0.8

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