

**OUTBOARD 4T 10W-30**

**Lubricant for marine 4 stroke engines**  
**Gasoline engines**  
**Technosynthese®**

**TYPE OF USE**

Technosynthese® lubricant specially designed for use in gasoline 4 stroke engines calling for NMMA FC-W lubricants, outboard, sterndrive of: BOMBARDIER, HONDA, MARINER, MERCURY, SELVA, SUZUKI, TOHATSU, YAMAHA...

**PERFORMANCES**

STANDARDS                      API SJ / SG  
    NMMA FC-W under n° FB-38003W

Synthetic based lubricant specially developed for use in marine engines.

NMMA FC-W standard has more stringent requirements compare to standard marine oils on following points:

- Higher HTHS viscosity at 150°C to ensure better oil film resistance at high temperature and absorb fuel dilution produced during long idling period.
- Better shear resistance to maintain lubricant performance at high temperature.
- Outstanding anti-corrosion properties to avoid corrosion due to sea water or salt water fog that can reach combustion chamber through exhaust pipe. Better anti-corrosion performance during wintering periods.
- Keep lubricant original properties even contaminated by sea water.
- Better oxidation resistance
- Anti-foam properties to avoid foaming and air bubbles introduction into oil circuit.
- Anti-clogging properties to protect oil filters.

**RECOMMENDATIONS**

Drain interval: according to manufacturers' recommendations and tune to your own use.  
Can be mixed with synthetic or mineral oils.



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### PROPERTIES

Viscosity grade	SAE J 300	10W-30
Density at 20°C (68°F)	ASTM D1298	0.862
Viscosity at 40°C (104°F)	ASTM D445	82.1 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	12.1 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	142.0
Pour point	ASTM D97	-36.0 °C / -33.0 °F
TBN	ASTM D2896	7.4 mg KOH/g
Flash point	ASTM D92	228.0 °C / 442.0 °F