

**INBOARD 4T 15W-40**

**Oil for Marine engines  
Inboard 4 Stroke Diesel engines supercharged or turbocharged**

**TYPE OF USE**

All recreational and professional 4 Stroke engines fitted on boats, along coast or on rivers. Last generation Diesel inboard engines, supercharged, turbocharged or naturally aspirated, direct injection "Common Rail" or "Pump Injector" type, running with a low/medium Sulphur content fuel up to 1%:

BAUDOIN, CATERPILLAR, CUMMINS, IVECO, LOMBARDINI, MERCURISER, MTU, NANNI, MAN, PERKINS, VETUS-DEUTZ, VOLKSWAGEN, VOLVO PENTA, YAMAHA, YANMAR...

Gasoline Inboard engines: CRUSADER, MERCURISER, VOLVO PENTA, YAMAHA...

Also suitable for invertors (HURTH, TECHNODRIVE...) according to manufacturer recommendations.

**PERFORMANCES**

STANDARDS	ACEA E7 API CI-4 / CH-4 / SG
PERFORMANCES	VOLVO VDS-3

Used in First Fill and officially recommended by YANMAR / FENWICK importer in France.

Protects against corrosion due to moisture and salt, neutralizes acid combustion residues from fuel, and increases engine life time.

Prevents emulsion with water.

Reinforced in detergents and dispersants to warranty engine cleanliness and prevent from deposit build up on pistons and into engine sump.

Anti-friction properties to minimize fuel consumption.

**RECOMMENDATIONS**

Oil change: According to manufacturers' recommendations ant to be adjusted according to use and oil test results.

Can be mixed with synthetic or mineral oils.



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### PROPERTIES

Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)	ASTM D1298	0.873
Viscosity at 40°C (104°F)	ASTM D445	105.0 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	15.1 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	147.0
Pour point	ASTM D97	-38.0 °C / -36.4 °F
Flash point	ASTM D92	224.0 °C / 435.2 °F
TBN	ASTM D2896	10.6 mg KOH/g