

Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Lubricants – Specialty Oils

Version: 509/03

Valvoline™ Super Outboard 4T

Premium motor oil for 4-stroke outboard engines.

Valvoline Super Outboard 4T is a premium multi-grade motor oil specially formulated to provide year-round protection for 4-cycle outboard engines. The selected base stocks and additives provide an excellent strong oil film for ultimate protection and lubrication under a wide range of temperatures. The viscosity grade helps for quick cold starting. The product is formulated to meet the requirements of all leading outboard engine manufacturers.

Performance levels

SAE 10W-30
API: SJ

Applications

Light and heavy duty outboard and inboard engines where a 10W-30 outboard engine oil is recommended.

Heckdrive engines.

Professional work on the water
Fishing boats
Maintenance boats
Rescue teams
Transportation.
Leisure.

Features and Benefits

Smooth operation:

Premium motor oil for smooth lubrication and quick cold start of the engine.

Wear protection:

Good wear protection resists high speed revving.

Preservation:

Basic oils and additives protect the engine against rust and corrosion and extend the lifespan of the different engine parts.

Strong oil film:

The product resists long term use and high engine temperatures when performing professional work on the water

Cold circumstances:

With a pour point of -39°C. Super Outboard 4T has no problems with fishing trips in the wintertime.

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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Super Outboard 4T	
SAE Viscosity Grade	10W-30
Viscosity, mm ² /s @ 100 °C. ASTM D-445	11.0
Viscosity, mm ² /s @ 40 °C. ASTM D-445	72
Viscosity Index ASTM D-2270	143
Viscosity, mPa.s -20°C.	3300
TBN, mg KOH/g ASTM D-2896	9.0
Pour Point, °C ASTM D-5950	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0.875
Flash Point, PMCC, °C. ASTM D-92	212

This information only applies to products manufactured in the following location(s): Europe

People Who Know Use Valvoline™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineurope.com

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