Lubricants – Specialty Oils

Version: **509/05**

Valvoline™ Super Outboard 4T

Based on synthetic technology, motor oil for 4-stroke outboard engines.

Valvoline Super Outboard 4T is a multi-grade motor oil based on synthetic technology 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
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 & 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 -39ºC. Super Outboard 4T has no problems with fishing trips in the wintertime.

VALVOLINE EUROPE
WIELDRECHTSEWEG 39
3316 BG DORDRECHT
NETHERLANDS

PRODUCT INFORMATION

Keeping the world moving since 1866™
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; 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.valvolineeurope.com**

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 ºC. ASTM D-445	11
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	72
Viscosity Index ASTM D-2270	143
Viscosity, mPa.s –25°C. ASTM D-5293	<7000
TBN, mg KOH/g ASTM D-2896	9,7
Pour Point, ºC ASTM D-5949	-36
Specific Gravity @ 15.6°C. ASTM D-4052	0,875
Flash Point, COC, ºC. ASTM D-92	228

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

Health & Safety
This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet **http://msds.valvoline.com**

Protect the environment
Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage
We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 509/04

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