

Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

Valvoline Super Outboard 4T

509/02

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 temperature range. The viscosity grade helps for quick cold starting. The product is formulated to meet the requirements of all leading outboard engine manufacturers.

Approvals/performance levels	Viscosity Grade
API SJ	10W30

Typical Properties	10W30
Viscosity, mm ² /s @ 100 °C	11.0
Viscosity, mm ² /s @ 40 °C	72
Viscosity Index	143
Viscosity, mPa.s -20°C	3300
Sulphated Ash, wt. %	1.20
TBN; mg KOH/g (ASTM D-2896)	9.0
Pour Point, °C	-39
Specific Gravity @ 15/15°C	0.875
Flash Point, COC, °C	212
Noack Evaporation, wt. %	12.5

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

Effective Date:	Replaces:	Author's Initials:	Code
30-07-2001		AdG	

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