

4 Stroke Outboard

4 Stroke Outboard is specially designed for 4 cycle outboard engines requiring a high performance lubricant meeting NMMA FC-W.

4 Stroke Outboard containing advanced corrosion protection additive technology to protect engines during seasonally idle engines.

Specifications and Approvals

4 Stroke Outboard*
SAE 10W-40
NMMA FC-W

*Check owners' manual before use.

Applications

4 Stroke Outboard has been specifically designed to protect outboard engines from the harsh marine environment. Vapour Phase corrosion inhibitors help protect engine internals while in storage. The high levels of anti-wear and detergents keep your engine in peak operating condition while out on the water.

Note: This is not a passenger car motor oil and as such it is not recommended for passenger car use.

Features and Benefits

High RPM Temperature Performance

The combination of synthetic and conventional base stock with optimized additive chemistry provides resistance against oxidation and wear.

High Levels of Anti-wear

Specifically engineered to reduce engine wear at the sustained high rpm experienced by outboard engines

Advanced Detergency Technology

Ensures your outboards vital internal components stays clean and prevents deposit formation

Corrosion Protection

Special additives help protect the engine internal components from corrosion.

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 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.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

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

4 Stroke Outboard	Typical
SAE Viscosity Grade	10W-40
Viscosity @ 100 °C, mm ² /s, ASTM D445	14.80
Viscosity @ 40 °C, mm ² /s, ASTM D445	99.20
Viscosity Index, ASTM D2270	155
Density @ 15 °C, kg/L, ASTM D4052	0.8620
CCS Viscosity, mPa.s @ -25 °C, ASTM D5293	5000

Note: 4 Stroke Outboard motor oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

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

Part Number	Pack Size
1111.01	1L
1111.04	4L
1111.IBC	IBC

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

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

Storage

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.

Author:

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