



HP 2 Stroke Outboard Oil

High Performance (HP) 2 Stroke Outboard Oil is a premium two-stroke outboard motor oil designed to meet the National Marine Manufacturers Association's (NMMA) stringent TC-W3™ engine test. It prevents the build-up of carbon deposits in the engine, which can lead to piston-ring sticking, bore scoring, and ultimate engine failure. This oil is suitable for all water-cooled outboard motors, whether they use pre-mixed fuel, or fitted with an injector system.

Specifications and Approvals

2 Stroke Outboard Oil*

NMMA TCW III

*Check owners' manual before use.

Applications

HP 2 Stroke Outboard Oil has been designed to be used in a range of outboard motors manufactured by Evinrude, Mercury, Suzuki and Yamaha where a TCWIII has been specified

It can also be used in air-cooled 2 stroke engines, such as those lawn mowers, chain saws, brush cutters, edgers, motor cycles etc.

Features and Benefits

High RPM Temperature Performance

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

Ashless Chemistry

Ashless chemistry minimises spark plug fouling and port blocking.

Advanced Detergency Technology

Ensures the vital internal components stays factory clean for longer

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 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.

2 Stroke Outboard Oil	Typical
Colour	Dark Green
Viscosity @ 100 °C, mm ² /s, ASTM D445	7.2
Viscosity @ 40 °C, mm ² /s, ASTM D445	41.0
Viscosity Index, ASTM D2270	137
Density @ 15 °C, kg/L, ASTM D4052	0.8640

Note: NMMA FC-W 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
1104.61	1L Chamber Pack
1104.01	1L
1104.04	4L

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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