



Havoline Super Outboard 3

Two-Stroke Outboard Motor Oil

Product Data Sheet

Customer benefits

Maintains high power output

Special blend of highly refined mineral oil and ashless additive system provides superior piston cleanliness and protection against ring sticking by minimizing deposit formation, thus maintaining combustion efficiency and protecting against power loss.

Reduces maintenance costs

Special ashless additive system includes a selected synthetic component for enhanced lubricity to separate contacting surfaces with a tough lubricant film to protect against wear under high speed, peak performance conditions.

Trouble-free operation

Ashless additive system ensures that ash-induced deposits are not formed in the combustion chamber, thereby eliminating the risk of destructive pre-ignition from this source.

Maximizes spark plug life

Ashless additive system reduces spark plug fouling under all operating conditions.

Applications

- All water-cooled, two-stroke, marine outboard engines, including the latest designs under warranty protection
- Oil-injected engines
- Oil-gasoline premix engines at all gasoline-to-oil ratios up to and including 100:1
- Air-cooled, two-stroke engines where API TD or NMMA certified oils are specified

Product features:

- Premium performance, two-stroke, marine outboard motor oil formulated with a special ashless additive system. Pre-diluted with a high flash point, low aromatic content solvent to facilitate mixing with gasoline at all temperatures. Designed for engines requiring NMMA TC-W3[®] certified lubricants, operating in all service conditions.



Typical key properties

HAVOLINE SUPER OUTBOARD 3

Product Code	560321
SAE Grade (J1536)	F/M 3
Ash, m %	<0.01
Flash Point, PMCC, °C	102
Pour Point, °C	-39
Viscosity,	
mm ² /s @ 40°C	56.2
mm ² /s @ 100°C	9.13

1205

Performance standards

- National Marine Manufacturers Association (NMMA) TC-W3®
NMMA TC-W3 Certification Number: RL-800381Y

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.chevronlubricants.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Global Lubricants
– Asia Pacific