



Havoline® SuperMatic 4T Semi-Synthetic

High Performance Scooter Oil

Product Data Sheet

Customer benefits

Tailored scooter additive package

Formulated to meet the unique needs of scooter engines, this semi-synthetic oil delivers a smoother ride and keeps the engine cool.

Protects engine and improves efficiency

Improved thermal stability increases protection against heat damage on the engine, while JASO MB reduces friction for greater overall efficiency.

Reduces oil consumption

Havoline scooter engine oil is less volatile than leading competitors, resulting in less oil consumption.

Better protection against viscosity increase

Up to 50% improvement in protection against viscosity increase, ensuring oil flows smoothly and effectively controls heat degradation of the oil.

Meets latest industry standards

Meeting industry's latest standard of API SN ensures enhanced wear protection and reduced piston deposits for an overall more reliable engine.

Applications

- Modern air- and liquid-cooled four-stroke scooter engines
- Suitable for modern scooter engines that require low viscosity oils for better fuel efficiency and overall engine response (SAE 10W-30)
- Suitable for modern scooter engines that require added engine protection and improved wear resistance (SAE 10W-40)
- Scooters with exhaust catalytic converters
- Not recommended for use in scooters where a multi-grade JASO MA engine oil is specified
- Not recommended for use in motorcycles with oil-immersed clutches or with combined engine, clutch and gearbox lubrication from a single sump
- SAE 10W-30 viscosity grade is recommended by Honda
- SAE 10W-40 viscosity grade is recommended by Yamaha

Product features:

- **Havoline® SuperMatic 4T Semi-Synthetic** is a high quality semi-synthetic oil with Havoline **C.O.R.E. Technology**, proven in the streets for urban riders who demand a strong and reliable oil for their trusted scooters.

Havoline **C.O.R.E. Technology** delivers four key benefits:

- Cleans and protects
- Oxidation stability
- Reduces engine heat damage
- Enhances acceleration

Havoline motorcycle oils ensure your motorcycle always performs at its best.

Typical key properties

HAVOLINE® SUPERMATIC 4T SEMI-SYNTHETIC		
SAE Grade	10W-30	10W-40
Product Code	500717	500720
Base No., D2896, mgKOH/g	7.7	7.8
Sulfated Ash, m %	1.05	1.03
Viscosity, mm ² /s @ 40°C	77.2	97.41
mm ² /s @ 100°C	11.43	14.4
Phosphorus, m %	0.097	0.097

1707

Performance standards

- JASO MB (2016)

JASO Identification Number:

SAE 10W-30 M065CTP102

SAE 10W-40 M065CTP114

- Suitable for API SN (SAE 10W-30)

- API SN (SAE 10W-40)

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.caltex.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 Lubricants
Asia Pacific



Service Considerations

JASO MB oils as a class have relatively low friction, typically achieved through the inclusion of friction modifiers. This low friction assists in maximizing scooter engine performance, the reduction in engine friction allowing either improved fuel economy or higher performance.

However, this low friction makes JASO MB oils generally unsuitable for use in motorcycles with oil-immersed clutches, which require higher friction fluids. Thus Havoline® SuperMatic 4T is recommended for use only in those scooters in which the engine is independently lubricated. This includes the majority of modern types, which are fitted with belt-type continuously variable automatic transmissions.

For modern motorcycles requiring multifunctional fluids, Havoline® Super 4T is recommended.

Always refer to the vehicle's owners manual to determine the recommended viscosity grades for the engine.

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