



Havoline® SuperMatic 4T Fully Synthetic

High Performance Premium Scooter Oil

Product Data Sheet

Customer benefits

Performs and protects during every ride

High quality, fully synthetic Group III base oils are selected to ensure oil retains its intended properties between each service interval.

Tailored for high performance scooters

Recognising the higher engine temperatures seen in larger capacity scooters, Havoline has developed its fully synthetic scooter engine oil with high thermal stability to ensure the engine is protected against damage caused by heat.

Consistent clutch performance

Enhanced frictional properties delivers increased clutch grip for scooters with wet clutch gearboxes, making for a smoother and more enjoyable ride through stressful city riding conditions.

Excellent engine protection

Outstanding oxidation protection helps to control oil degradation and the formation of deposits.

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 high performance four-stroke scooter engines that require a JASO MA oil
- Scooters with exhaust catalytic converters
- Scooters with combined engine and transmission units, or separate gearboxes where a multi-grade JASO MA or JASO MA2 engine oil is specified
- Not recommended for use in scooters where a multi-grade JASO MB engine oil is specified

Product features:

- **Havoline® SuperMatic 4T Fully Synthetic** is a premium fully synthetic oil formulated with Havoline **C.O.R.E. Technology** that caters to today's modern four-stroke 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 FULLY SYNTHETIC	
SAE Grade	5W-40
Product Code	500728
Base No., D2896, mgKOH/g	10
Sulfated Ash, m %	1.2
Viscosity, mm ² /s @ 40°C	83.6
mm ² /s @ 100°C	13.9
Phosphorus, m %	0.096

1707

Performance standards

- JASO MA2 (2016)

JASO Identification Number:

SAE 5W-40 M065CTP160

- API SN

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

The JASO MA2 category defines the highest friction motorcycle oils suitable for use in most critical the oil-immersed clutch installations. Oils which meet JASO MA2 also meet in full JASO MA, so may be used wherever JASO MA is specified. JASO allows an oil to be labelled as either JASO MA2 or JASO MA, but not both simultaneously.

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

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