



Havoline[®] 4T Motorcycle Oil SAE 10W-40

Proven performance four stroke multigrade
motorcycle engine oil

Product description

Havoline 4T Motorcycle Oil SAE 10W-40 is a proven performance four stroke multigrade motorcycle engine oil, designed for use in high performance air and liquid cooled motorcycle engines operating under a wide variety of conditions, including severe operations.

Havoline 4T Motorcycle Oil SAE 10W-40 is formulated with premium quality base oils in combination with shear stable viscosity index (VI) improvers and a robust additive package, providing a multifunctional oil for engines requiring JASO MA2 or MA and API SL lubricants, including high specific output engines operating in severe service.

Customer benefits

- Proven formula and high oxidation stability offers good engine/transmission keep-clean performance throughout full oil drain intervals
- Anti-wear additive system helps reduce wear in highly stressed engine and gearbox components under severe operating conditions
- Designed for engine deposit control and optimum power release, with frictional and stability characteristics for smooth clutch operation
- Formulated to minimise oil thinning particularly in gearboxes, offering high stress protection at start-up and high temperature operation

Product highlights

- **Offers good engine/transmission keep-clean performance**
- **Helps reduce wear in highly stressed engines and gearboxes**
- **Designed for optimum power release and smooth clutch operation**
- **Formulated for cold start-up and high temperature protection**

Selected specification standards include:

API

JASO

Applications

Havoline 4T Motorcycle Oil SAE 10W-40 is suitable for use in:

- Air and liquid cooled four-stroke motorcycle engines
- Motorcycles with or without immersed clutches
- Motorcycles with combined engine/transmission units, or separate gearboxes where a multigrade engine oil is specified
- Motorcycles with back torque limiters
- Motorcycles with exhaust catalytic converters
- Four-stroke gasoline engines fitted to portable power equipment, such as generators, pumps, mowers

The JASO MA2 category defines the highest friction motorcycle oils suitable for use in the most critical 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

Approvals, performance and recommendations

Performance

- API SL
- JASO MA2 (2011)

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 10W-40
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.870
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	98.5
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.5
Viscosity Index	ASTM D2270	152
Pour Point, °C	ASTM D5950	-40
Flash Point COC, °C	ASTM D92	226

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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