



Havoline® Super 4T JASO MA2

High Performance Premium Four-Stroke Motorcycle Oil

Product Data Sheet

Customer benefits

Clean Engine

High performance formula provides excellent overall engine and transmission cleanliness in all service conditions. High oxidation stability maintains engine performance throughout the full oil drain intervals in modern motorcycle designs.

Engine and Gearbox Durability

Anti-wear additive system reduces wear of highly stressed engine and gearbox components under severe operating conditions.

Power and Performance

Highly effective cleaning system ensures excellent control of engine deposits for optimum power release and acceleration. Frictional and stability characteristics enable and maintain smooth clutch operation.

Easy starting and riding, even at high temperatures

Special additive mix minimizes oil thinning, particularly in the gearbox, offering high stress protection at both start-up and during high temperature operation.

Applications

- Air and liquid-cooled four-stroke motorcycle engines
- Particularly suitable for Japanese high performance motorcycle engines
- Motorcycles with and without oil 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
- Latest generation, four-stroke scooter engines

Product features:

- **Havoline® Super 4T** is a premium performance, shear-stable, multigrade, multifunctional fluid specifically designed for use in four-stroke motorcycle engines, clutches and gearboxes, and portable power equipment engines requiring JASO MA2 or MA, API SL lubricants, including high specific output engines operating in severe service.

Product specifications

HAVOLINE® SUPER 4T KEY PROPERTIES				
SAE Grade	10W-30	15W-40	20W-40	20W-50
Product Code	500711	500715	500712	500713
Base No., D2896, mgKOH/g	7.7	7.7	7.7	7.7
Pour Point, °C	-36	-33	-33	-24
Sulfated Ash, mass %	0.99	0.99	0.99	0.99
Viscosity, mm ² /s @ 40°C	76.1	109	118	164
mm ² /s @ 100°C	11.4	14.4	14.3	19.0
Viscosity Index	142	135	122	131
Phosphorus, mass %	0.10	0.10	0.10	0.10

1610

Performance standards

- JASO MA2 (2011)

JASO Identification Numbers:

SAE 10W-30	M065CTP204
SAE 15W-40	M061CTC240
SAE 20W-40	M065CTP226
SAE 20W-50	M065CTP234

- API SL

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



Havoline Super 4T

Service Considerations

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.

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