



PRODUCT DATA SHEET

Havens 4T API SL JASO MA/ MA 2

DESCRIPTION

Havens 4T API SL JASO MA/ MA 2 is a synthetic technology 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

PROPERTIES

This lubricant assures:

- Good wear protection
- Thermal and oxidation stability
- Helps keep engines clean for smoother operation
- Helps extend engine life

APPLICATIONS

Primarily intended for general use in all types of four-stroke motorcycles and engines, especially Hero, Yamaha and Honda with <150 cc engines. Suitable for catalytic converters.

PERFORMANCE LEVELS

Meets and exceeds:

- API SL / SJ / SH / SG ; JASO MA / MA2

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Havens 4T SAE API SL JASO MA/ MA 2	
Viscosity Grade			20W40	20W50
Density @ 15°C, kg/l	ASTM D1298	kg/l	0.880	0.880
Viscosity @ 100°C, cSt	ASTM D445	cSt	15.0	18.5
Viscosity @ 40°C, cSt	ASTM D445	cSt	122	160
Viscosity Index (min)	ASTM D2270	-	126	126
Pour Point, °C	ASTM D97	°C	-30	-30
Flash Point, °C	ASTM D92	°C	230	230
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.5	7.5

The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice.

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.havenslubricants.com