



PRODUCT DATA SHEET

Havens 4T API SG JASO MA/ MA 1

DESCRIPTION

Havens 4T API SG JASO MA/ MA 1 is a mineral motorcycle oil designed primarily for on-road, four-cycle bikes. Reinforced with extreme pressure additives for gearbox protection and improve gears life time.

PROPERTIES

- Reduces oil consumption
- Allows smooth shifting
- Improves gears life time

APPLICATIONS

Havens 4T SAE 20W40 20W50 API SG JASO MA/ MA 1 is designed primarily for on-road, four-cycle bikes. It also may be used in other types of on and off-road four-cycle motorcycles. Meets JASO MA1 specifications for optimal wet clutch performance. Also recommended for older big bore engines thumpers, twins, oil/air or liquid cooled engines.

PERFORMANCE LEVELS

Meets and exceeds:

- API SG; JASO MA / MA1

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Havens 4T SAE API SG JASO MA/ MA 1	
Viscosity Grade			20W40	20W50
Density @ 15°C, kg/l	ASTM D1298	kg/l	0.880	0.880
Viscosity @ 100°C, cSt	ASTM D445	cSt	14.0	18.5
Viscosity @ 40°C, cSt	ASTM D445	cSt	100	160
Viscosity Index (min)	ASTM D2270	-	142	126
Pour Point, °C	ASTM D97	°C	-30	-25
Flash Point, °C	ASTM D92	°C	230	230
Total Base Number (TBN	ASTM D2896	mg KOH/g	7	7

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.