

# KOYOTO 4T 10W-40 SN (JASO MA2) SERIES

Synthetic - Multigrade 4 Stroke Motorcycle Oil



## Product Data Sheet

### Product Description

KOYOTO 4T 10W-40 SN/JASO MA2 series is designed with high quality synthetic base stocks and advanced technology additive system to provide high level of protection and performance. It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reduces engine noise. This product meets the requirements of most motorcycle manufacturers and is suitable for use in 4 stroke motorcycle engines providing unsurpassed performance under severe operating conditions in All Seasons, driving environments, from mild to severe, and on the racetrack, naturally aspirated or turbo charged engines, adapted to vehicles equipped with catalytic converters running on unleaded fuels.

### Features & Benefits

- Optimized friction properties provides consistent power due to reduced frictional losses
- Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Very good shear stability and excellent viscosity temperature behavior.
- Superior protection against viscosity and thermal breakdown.
- Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
- Superior sludge protection for greater engine reliability.
- Enhanced wear protection and improved engine cleanliness.
- Easier cold starts and improved fuel economy compared to mono-grade engine oils.

### Specifications

**KOYOTO 4T 10W-40SN/JASO Ma2 Meets or exceeds following International and Builder specifications:**

- API SN, SM, SL, SJ
- JASO Ma2
- JASO 4T Clutch performance

### Application

KOYOTO 4T 10W-40 SN (JASO MA2) is suitable for use in following:

- 4-Stroke motorcycle engines equipped with air-cooled or liquid-cooled system.
- Naturally aspirated or turbo-charged engines.

### Typical Characteristics

KOYOTO 4T SN (JASO MA2)	Test Method	Units	10W-30	10W-40	10W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.855	0.870	0.860
Viscosity @ 100 °C	ASTM D 445	cSt	10.4	14.30	18.5
Viscosity @ 40 °C	ASTM D 445	cSt	64.5	95	130.0
Viscosity Index	ASTM D 2270	-	149	155	160
Pour Point	ASTM D 97	°C	-36	-36	-36
Flash Point (COC)	ASTM D 92	°C	225	230	230
Total Base Number	ASTM D 2896	mg KOH/g	8.0	8.0	8.0
Phosphorous	ASTM D 4951	% wt	0.108	0.108	0.108
Sulfated Ash	ASTM D 872	% wt	0.8	0.8	0.8
CCS Viscosity	ASTM D 5293	cP	5900 @ -25 °C	5650 @ -25 °C	6250 @ -25 °C

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*