

# APEX SPARK 4T 10W-40 SL JASO MA SERIES

Semi Synthetic - Multigrade 4 Stroke Motorcycle Oil



## Product Data Sheet

### Product Description

APEX SPARK 4T 10W-40 SL JASO MA series is designed with high quality semi 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 both air-cooled or liquid-cooled 4 stroke motorcycle engines, naturally aspirated or turbo charged engines, operating in all round seasons and adapted to vehicles equipped with catalytic converters running on unleaded fuels.

### Features & Benefits

- Outstanding protection against viscosity and thermal breakdown.
- Excellent detergency and dispersancy.
- Superior sludge protection for greater engine reliability.
- Enhanced wear protection and improved engine cleanliness.

### Specifications

**APEX SPARK 4T 10W-40 SL JASO MA** meets or exceeds following International and Builder specifications:

- API SL, SJ, CF
- ACEA A3/B3
- JASO MA
- JASO 4T Clutch performance

### Application

**APEX SPARK 4T 10W-40 SL JASO MA** 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

APEX SPARK 4T	Test Method	Units	10W-30	10W-40	10W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.855	0.868	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	-33	-36
Flash Point (COC)	ASTM D 92	°C	225	220	230
Total Base Number	ASTM D 2896	mg KOH/g	7.8	7.8	7.8
Phosphorous	ASTM D 4951	% wt	0.098	0.098	0.098
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.*