

SAE 5W50

140401001

## MOTO INNOVATION SAE 5W50

This is a full synthetic motorcycle and scooter engine oil that can be used in vehicles that require a wide variety of API specifications. The ester technology that has been used in these products ensures very high VI indexes and high protection properties. This product can be used for city driving, sports driving, short distance driving and as well as long distance driving. There is a special thickener that has been added to this product in order to prevent brake down. The additive package ensures that even at

high operating temperatures, the viscosity stays in grade and ensures a strong lubricating film. This oil is formulated so that it offers excellent protection in the gearbox as well as the wet disc clutches and it prevents slippery and sticking of the clutches. These products meet the JASO MA specifications that ensure that this product can be used in all 4-stroke motorcycle engines with one oil system for engine, gearbox and wet clutch systems.

GRADE	METHOD	UNIT	VALUE
Density @ 15 °C	ASTM D4052	kg/l	0,854
Kinematic viscosity @ 40 °C	ASTM D445	mm <sup>2</sup> /s	109
Kinematic viscosity @ 100 °C	ASTM D445	mm <sup>2</sup> /s	18,5
Viscosity Index	ASTM D2270		190
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	6,6
Pour point	ASTM D6892	°C	-42
Flash point	ASTM D92	°C	235
Sulphated ash content	ASTM D874	%	
CCS viscosity @ -15 °C	ASTM D5293	mPa.s	
CCS viscosity @ -20 °C	ASTM D5293	mPa.s	
CCS viscosity @ -25 °C	ASTM D5293	mPa.s	
CCS viscosity @ -30 °C	ASTM D5293	mPa.s	3920

*All data on this technical data sheet is indicative only.*

## Specifications

- ▷ API SL
- ▷ JASO MA
- ▷ JASO MA2