

MORRISON

MORRISON 4T Semi SM MA series

Product Description:

Morrison 4T Semi SM is a premium semi-synthetic engine oil for motorbike 4 stroke engine. Manufactured to meet requirements of almost all modern multi valves with or without turbo chargers. It provides smoother, cooler and quieter engines. It meets the highest API yet far. It is suitable for Gasoline only. Its advanced additive system ensure excellent control over wear due to friction, soot induced wear, high temperature deposits, corrosion, foaming and oxidation stability. Highly recommended for newer engines and engines which are not experiencing excessive wear. It is manufactured with high safety measure and quality control according to ISO 9001:2008 standard. Recommended shelf life is 3 to 3½ years.

MOBIL MOBIL

Applications / Benefits:

1. Superb for newer engines and engines which are not experiencing excessive wear.
2. Reduces engine wear during cold start. Ensures maximum engine performance and power.
3. Reduces oxidation during engine operation.
4. Recommended from 5,000 km to 7,000km per oil change.
5. Reduces carbon, acid and sludge formations.
6. Ensures smoother, cooler and quieter engine.
7. Keeps engine running clean and efficient.
8. It meets the demanding ILSAC GF-5 performance standards.

Typical Characteristics:

Test Description	Method	5W-30	5W-40	10W-40	5W-50
SAE Viscosity Grade	SAE J 300				
Specific Gravity @ 15 °C	ASTM D 4052	0.852	0.856	0.871	0.860
Flash Point, °C	ASTM D 92	214	216	220	218
Pour Point, °C	ASTM D 97	-36	-36	-33	-36
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	62.3	89.9	92.8	122.1
cSt @ 100°C	ASTM D 445	10.6	14.5	14.3	18.5
Viscosity Index	ASTM D 2270	160	168	164	170
TBN, mgKOH/g	ASTM D 2896	7.8	7.8	7.8	7.8
Color	ASTM D 1500	<3.0	<3.0	<3.0	<3.0

Specifications, Approvals & Recommendations:

-JASO MA
-API SN