

TECHNICAL DATA SHEET

ECO MATIC 15W-50 SN/4T BULLET PLUS

Fully Synthetic 4-Stroke Engine Oil for Royal Enfield & High-Capacity Motorcycles

API SN • JASO MA2

PRODUCT DESCRIPTION

ECO MATIC 15W-50 SN/4T BULLET PLUS is a premium fully synthetic engine oil specifically engineered for Royal Enfield motorcycles and other large-displacement, high-capacity 4-stroke engines. Compliant with API SN and JASO MA2, it utilises advanced fully synthetic base oils combined with a high-performance additive package to deliver superior protection under extreme heat and load. It ensures robust clutch performance, smooth gear shifts, and outstanding engine cleanliness for long-haul and demanding riding conditions.

APPLICATIONS

- Royal Enfield Bullet, Meteor, Himalayan, and Classic 350/500 series
- High-capacity 4-stroke single and twin-cylinder motorcycles
- Performance and adventure touring bikes requiring 15W-50 API SN / JASO MA2 oil
- Available in 1L, 2.5L, 4L, and 200L pack sizes

PERFORMANCE STANDARDS

API SN • JASO MA2

FEATURES & BENEFITS

- Fully synthetic base oils — maximum film strength under high load and temperature
- Meets API SN and JASO MA2 — ideal for Royal Enfield and large-displacement engines
- Exceptional shear stability — maintains viscosity under mechanical stress
- Superior clutch friction performance — smooth, consistent power transfer
- Outstanding engine cleanliness for extended drain intervals
- Excellent high-temperature oxidation resistance for long-haul riding
- Keeps engine cooler and quieter compared to mineral and semi-synthetic alternatives

TYPICAL PROPERTIES

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear, Amber Liquid
SAE Viscosity Grade	—	15W-50
API Service Classification	—	SN
JASO Standard	—	MA2
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	120
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	18.5
Viscosity Index	ASTM D2270	160 min
Flash Point, COC (°C)	ASTM D92	235 min
Pour Point (°C)	ASTM D97	-30 max
Total Base Number (mg KOH/g)	ASTM D2896	9.0 min
Density @ 15°C (kg/L)	ASTM D4052	0.868
HTHS Viscosity @ 150°C (mPa·s)	ASTM D4683	3.7 min
JASO DKA Clutch Friction Characteristics	JASO T903	Pass MA2

STORAGE & HANDLING

Store the product indoors and avoid direct sunlight or heat. Keep containers tightly closed when not in use. Avoid contact with skin and eyes. After skin contact, wash thoroughly with soap and water. Keep out of reach of children.

DISCLAIMER: The information provided in this Technical Data Sheet is based on standard laboratory tests and is indicative only. Synergy Lubricant and Chemical makes no warranty regarding the accuracy of this data. Typical values may vary within acceptable production tolerances.

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