

TECHNICAL DATA SHEET

ECO MATIC 20W-40 SL/4T*Synthetic Blend 4-Stroke Motorcycle Engine Oil*

API SL • JASO MA

PRODUCT DESCRIPTION

ECO MATIC 20W-40 SL/4T is a synthetic blend motorcycle engine oil meeting API SL and JASO MA specifications. Designed for reliable everyday protection in stop-and-go city riding conditions, it provides excellent lubrication, consistent deposit control, and good thermal stability for air-cooled and liquid-cooled 4-stroke engines operating in tropical climates.

APPLICATIONS

Suitable for 4-stroke motorcycles and scooters requiring API SL or JASO MA grade lubricants. Recommended for standard and semi-automatic wet-clutch transmissions. Available in 0.8L, 1L, 4L, and 200L pack sizes.

PERFORMANCE STANDARDS

API SL • JASO MA

FEATURES & BENEFITS

- Meets API SL and JASO MA specifications for reliable everyday performance
- Good deposit and sludge control for moderate urban riding conditions
- Stable high-temperature viscosity to protect air-cooled engines
- Compatible with wet-clutch systems — JASO MA friction grade
- Good oxidation and thermal stability in tropical temperatures
- Cost-effective formulation balancing protection and economy

TYPICAL PROPERTIES

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear, Amber Liquid
SAE Viscosity Grade	—	20W-40
API Service Classification	—	SL
JASO Standard	—	MA
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	110
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	15.5
Viscosity Index	ASTM D2270	130 min
Flash Point, COC (°C)	ASTM D92	220 min
Pour Point (°C)	ASTM D97	-25 max
Total Base Number (mg KOH/g)	ASTM D2896	7.0 min
Density @ 15°C (kg/L)	ASTM D4052	0.874
JASO DKA Clutch Friction Characteristics	JASO T903	Pass MA

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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