

TECHNICAL DATA SHEET

ECO MATIC 15W-50 SL/4T BULLET*Synthetic Blend 4-Stroke Engine Oil for Bullet Motorcycles*

API SL • JASO MA

PRODUCT DESCRIPTION

ECO MATIC 15W-50 SL/4T BULLET is a specially formulated synthetic blend engine oil designed for Bullet-type motorcycles and older-generation 4-stroke engines. Compliant with API SL and JASO MA, it delivers strong film strength and solid wear protection under the high-vibration, low-RPM operating characteristics typical of single-cylinder Bullet engines. It keeps the engine cooler, cleaner, and more efficient between service intervals.

APPLICATIONS

- Bullet motorcycles and classic single-cylinder 4-stroke engines
- Motorcycles requiring API SL / JASO MA grade lubricants in 15W-50 viscosity
- Engines with semi-automatic wet-clutch and integrated gearbox systems
- Available in 1L, 4L, and 200L pack sizes

PERFORMANCE STANDARDS

API SL • JASO MA

FEATURES & BENEFITS

- Meets API SL and JASO MA — reliable protection for Bullet and classic 4-stroke engines
- Strong film strength under low-RPM, high-vibration Bullet engine conditions
- JASO MA clutch compatibility — reliable friction characteristics for semi-auto clutches
- Good thermal stability to keep air-cooled engines cool in tropical conditions
- Effective detergent package prevents sludge and maintains engine cleanliness
- Good resistance to oil oxidation for extended service intervals

TYPICAL PROPERTIES

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear, Amber Liquid
SAE Viscosity Grade	—	15W-50
API Service Classification	—	SL
JASO Standard	—	MA
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	125
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	18.0
Viscosity Index	ASTM D2270	138 min
Flash Point, COC (°C)	ASTM D92	228 min
Pour Point (°C)	ASTM D97	-25 max
Total Base Number (mg KOH/g)	ASTM D2896	7.5 min
Density @ 15°C (kg/L)	ASTM D4052	0.875
HTHS Viscosity @ 150°C (mPa·s)	ASTM D4683	3.5 min
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.

Revision: 01 | Date: March 2026