

TECHNICAL DATA SHEET

ECO MATIC 10W-40 SN/4T*Fully Synthetic 4-Stroke High-Performance Motorcycle Engine Oil*

API SN • JASO MA2

PRODUCT DESCRIPTION

ECO MATIC 10W-40 SN/4T is a fully synthetic engine oil engineered to handle the high mechanical stress of modern, high-revving 4-stroke motorcycles. Meeting API SN and JASO MA2 standards, it provides outstanding protection against wear, deposit build-up, and oil thickening while maintaining smooth and reliable clutch operation. The wide 10W-40 viscosity range ensures fast cold-start protection and strong high-temperature film strength.

APPLICATIONS

Recommended for high-performance 4-stroke motorcycles — including sport, touring, and naked bikes — requiring API SN / JASO MA2 specification oil. Suitable for engines with wet-clutch and integrated gearboxes. Available in 1L, 4L, 50L, and 200L pack sizes.

PERFORMANCE STANDARDS

API SN • JASO MA2 • ISO L-EMA

FEATURES & BENEFITS

- Meets API SN and JASO MA2 — top-tier protection for high-performance 4-stroke engines
- Wide viscosity range — fast cold-start protection and strong high-temperature film
- Excellent anti-wear performance for pistons, cams, and valve train
- Prevents oil thickening under mechanical shear from high-revving engines
- Outstanding engine cleanliness — minimises deposits and varnish formation
- JASO MA2 clutch compatibility — smooth engagement without friction loss
- Robust oxidation resistance for extended service life

TYPICAL PROPERTIES

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear, Amber Liquid
SAE Viscosity Grade	—	10W-40
API Service Classification	—	SN
JASO Standard	—	MA2
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	95
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	14.5
Viscosity Index	ASTM D2270	155 min
Flash Point, COC (°C)	ASTM D92	225 min
Pour Point (°C)	ASTM D97	-35 max
Total Base Number (mg KOH/g)	ASTM D2896	8.0 min
Density @ 15°C (kg/L)	ASTM D4052	0.864
HTHS Viscosity @ 150°C (mPa·s)	ASTM D4683	3.0 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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