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TECHNICAL PRODUCT SHEET

EVO RC 4T

5W—40, 10W—30, 10W—50

DESCRIPTION

EVO RC 4T family (5W-40, 10W-30, 10W-50) is engineered for modern motorcycles requiring high protection and stable performance under severe operating conditions. Its advanced formulation delivers strong shear stability, excellent thermal resistance, and full wet-clutch compatibility, ensuring smooth gear shifting and reduced engine wear. The oils maintain optimal performance across a wide temperature range and meet API SP and JASO MA2 specifications.

APPLICATIONS

EVO RC 4T lubricants are engineered for sport, touring, and high-performance motorcycles operating in both on-road and off-road environments. Their formulation is optimized for wet-clutch systems, ensuring stable friction characteristics, smooth engagement, and reliable power transfer under high load and temperature conditions.

SPECIFICATIONS

API	SP (*Approved*) (SAE 5W-40)
JASO	MA2 (*Approved*)
JASO	MA (SAE 10W-30)

PROPERTIES

EVO RC 4T exhibits exceptional oil adhesion to metallic surfaces, forming a persistent protective film that significantly reduces friction and component wear under extreme mechanical stress. Its excellent low-temperature fluidity ensures rapid circulation during cold starts, while efficient thermal conductivity promotes fast heat dissipation and lower operating temperatures. The formulation maintains superior viscosity stability at high rpm and elevated thermal loads, delivering consistent lubrication integrity. Its high friction coefficient supports optimal wet-clutch performance, and its optimized volatility profile contributes to reduced oil consumption and improved overall system efficiency.

BENEFITS

EVO RC 4T advanced formulation delivers competitive performance and rapid acceleration even under the most severe operating conditions, while significantly reducing wear on critical moving components. Its excellent low-temperature fluidity ensures dependable cold starts, and reduced thermal load contributes to extended engine life. High resistance to deposit formation—especially vital for hot-running and air-cooled engines—supports cleaner operation and longer drain intervals. The lubricant provides exceptional protection for transmission gears, minimizing slippage and ensuring smooth, efficient power transfer through precise gear changes. Engineered for reliability in extreme environments, it maintains stable performance where conventional oils begin to fail, offering riders maximum durability and confidence.

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Produced and Packaged in E.U.
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PHYSICAL-CHEMICAL CHARACTERISTICS

EVO RC 4T	METHOD	SAE 5W-40	SAE 10W-30	SAE 10W-50
Density at 15°C, g/cm^3	ASTM D4052	0.854	0.852	0.860
Dynamic Viscosity, °C/cP	ASTM D5293	-30°C /6,000	-25°C /5,300	-25°C /6,500
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.6	11.6	18.5
Viscosity, Kinematic (cSt) 40°C	ASTM D445	87.0	75.4	120.9
Viscosity index	ASTM D2270	174	148	172
Flash point, COC, °C	ASTM D92	234	230	240
Pour point, °C	ASTM D97	-36	-33	-40
TBN, mgKOH/g	ASTM D2896	6.5	6.5	6.5

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.