cyclon® ENGINEERED TO PERFORM

TECHNICAL PRODUCT SHEET

PRO RC 4T 10W—40

DESCRIPTION

PRO RC 4T is a fully synthetic engine oil engineered for high-performance four-stroke motorcycles equipped with wet clutches. Its synthetic base delivers exceptional shear, oxidation, and thermal stability, along with strong film strength and a high viscosity index. A specialized antiwear additive system protects critical components including the valve train, piston rings, and bearings. The formulation is designed to withstand extreme loads and meet the demanding friction requirements of gearboxes and clutches, ensuring smoother operation and efficient power transfer under severe riding conditions.

APPLICATIONS

PRO RC 4T is formulated for high-output, high-revving four-stroke engines, whether air- or water-cooled and operating on any fuel type. It is suitable for street, off-road, and enduro applications, including multi-valve V-Twin engines with hydraulic valves. Engineered for conditions demanding maximum power and minimal friction, such as racing and intensive sport riding, it delivers stable performance under extreme loads. The formulation exceeds the lubrication requirements of major motorcycle manufacturers including Suzuki, Kawasaki, BMW, and Honda.

SPECIFICATIONS

API	SL
JASO	MA2

PROPERTIES

PRO RC 4T formulation provides strong oil adhesion to metallic surfaces, significantly reducing friction and wear under demanding operating conditions. Its excellent low-temperature fluidity supports reliable lubrication during cold starts, while rapid heat dissipation helps lower engine running temperatures. Superior viscosity stability at high rpm and elevated temperatures ensures consistent protection, and its high friction coefficient enhances clutch performance. Optimized volatility characteristics contribute to reduced oil consumption and improved overall efficiency.

BENEFITS

PRO RC 4T formulation delivers competitive performance and strong acceleration under severe operating conditions while minimizing wear on moving components. Its reliable low-temperature fluidity supports easy cold starts, and reduced heating load contributes to extended engine life. High resistance to deposit formation—especially in hot, air-cooled engines—enables longer drain intervals. The oil provides superb transmission gear protection with reduced slippage, ensuring efficient power transfer and smooth gear changes. Overall, it maintains dependable performance even in extreme operating environments.

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PHYSICAL-CHEMICAL CHARACTERISTICS

PRO RC 4T	METHOD	SAE 10W-40
Density at 15°C, g/cm^3	ASTM D4052	0.858
Dynamic Viscosity, °C/cP	ASTM D5293	-25°C/5,000
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.0
Viscosity, Kinematic (cSt) 40°C	ASTM D445	91.0
Viscosity index	ASTM D2270	158
Flash point, COC, °C	ASTM D92	228
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D2896	6.0

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.