

Product Data Sheet

PT Maxnitron Racer Semi-Synthetic 4T

Semi Synthetic Motorcycle Engine Oil

JASO MA2 / API SL

SAE 10W-30

PT Maxnitron Racer Semi-Synthetic 4T is a specially formulated semi-synthetic lubricant, combined with a friction modifier and SYN4MAX technology from PT Maxnitron, providing effective protection against engine component wear and preventing clutch slippage. It also helps maintain engine and gearbox efficiency in motorcycles equipped with manual transmissions, ensuring smooth and precise gear shifting.

Formulated with high-quality synthetic base oils, blended with advanced additive technology, including special detergent additives and superior soot control agents, it delivers excellent thermal resistance and outstanding shear stability under all riding conditions. This ensures reliable protection against heat-related engine damage, allowing the engine to operate at maximum efficiency and full performance.

Customer Benefits

- **Extended engine service life**

With specially engineered SYN4 MAX additive technology, proven anti-wear performance provides effective protection for critical engine components, safeguarding both the engine and gearbox under high-speed and high-RPM riding conditions.

- **Maximum engine power and full performance**

PT Maxnitron Racer Semi-Synthetic 4T contains highly effective detergent additives that help the engine deliver maximum power output and control the formation of soot and deposits on the piston and piston rings, keeping the engine clean throughout service life. In addition, it provides optimal friction characteristics within the clutch system, improving clutch engagement and ensuring smooth gear shifting across all speed ranges.

- **Excellent thermal durability and extended oil drain interval**

Outstanding oxidation resistance ensures thermal stability and oxidation control, resulting in a longer oil change interval and sustained lubricant performance.

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Performance Standards

- JASO MA / MA2
- API SL

Applications

- Suitable for all 4 - stroke motorcycles requiring smooth gear shifting performance, and motorcycles with an engine of 125 cc and above.
- General motorcycles that require engine oil with standard viscosity to provide enhanced protection against wear.
- Engines with integrated transmission systems or separate gearboxes that require multi-grade engine oil meeting JASO MA or JASO MA2 standards.
- Recommended oil change interval: 3,000 – 4,000 km

(depending on operating conditions, fuel quality, engine age, and engine maintenance practices)

Typical Characteristics

Properties	Test instrument	SAE 10W-30
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/D6045	L1.5
Kinematic Viscosity @40°C (cSt.)	ASTM D445	72.63
Kinematic Viscosity @100°C (cSt.)	ASTM D445	10.8
Viscosity Index	ASTM D2270	137
Flash Point by COC	ASTM D92	246
Pour Point	ASTM D5950/D6892	-36
Total Base Number (mgKOH/g)	ASTM D2896	5.71

*The above values represent typical production standards at the time of manufacture. Variations may occur between production batches; however, the essential characteristics and performance of PT Maxnitron remain consistent with its quality standards.