

Product Data Sheet

PT Maxnitron Racer Max Speed

Fully Synthetic High Performance Motorcycle Engine Oil

JASO MA2: 2023 / API SP

SAE 10W-50

PT Maxnitron Racer Max Speed is a 100% premium fully synthetic lubricant, specially formulated with **Ester-based base oils (Base Oil Group V / Ester Base)** combined with PT Maxnitron SYN4MAX Technology. This advanced formulation helps enhance engine acceleration, maintain consistent engine power output, and improve clutch engagement, resulting in smoother gear shifting across all speed ranges to respond to every riding condition.

Formulated with high-quality synthetic base oils blended with the latest additive technology, featuring special detergent additives and advanced soot control agents, the lubricant 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 deliver full performance at all times.

Customer Benefits

- **Extended Engine Service Life**

Formulated with specially designed SYN4MAX additives featuring proven anti-wear performance, providing effective protection against wear of critical engine components. This helps protect both the engine and transmission under high-speed and high-RPM riding conditions.

- **Maximum Engine Power and Performance**

PT Maxnitron Racer Max Speed contains highly effective detergent additives that help the engine deliver maximum power output while controlling the formation of carbon deposits on pistons 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 Stability and Extended Drain Interval**

With outstanding resistance to oxidation, the lubricant ensures excellent thermal stability and oxidation control, contributing to longer oil drain intervals.



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Performance Standards

- JASO MA2: 2023
- API SP

Applications

- Suitable for modern 4-stroke motorcycles operating at high speeds with an engine of 450 cc and above
- Large-displacement motorcycles requiring high-viscosity engine oil for enhanced wear protection
- Engines with integrated transmission systems or separate gearboxes that require multigrade engine oil meeting JASO MA or JASO MA2 standards
- Recommended oil change interval: 5,000 km

(Oil change interval may vary depending on operating conditions, fuel quality, engine age, and engine maintenance)

Typical Characteristics

Properties	Test instrument	SAE 10W-50
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/D6045	L2.5
Kinematic Viscosity @40°C (cSt.)	ASTM D445	119.1
Kinematic Viscosity @100°C (cSt.)	ASTM D445	17.62
Viscosity Index	ASTM D2270	164
Flash Point by COC	ASTM D92	258
Pour Point	ASTM D5950/D6892	-33
Total Base Number (mgKOH/g)	ASTM D2896	7.1
Total Acid Number (mgKOH/g)	ASTM D2896	2.17
Sulfated Ash (% wt)	ASTM D874	0.7187

*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.