

Product Data Sheet

PT Maxnitron Racer 4T SAE-40

Standard Motorcycle Engine Oil

API SF/CF

SAE - 40

PT Maxnitron Racer 4T SAE-40 is a mono-grade engine lubricant specifically designed to deliver maximum performance for 4-stroke engines. Formulated with SYN4MAX technology from PT Maxnitron, it helps protect against wear and reduces carbon deposit formation on engine components, while enhancing smooth gear engagement. It is certified to API SF standards and suitable for engines that require a basic-level engine lubricant.

Formulated with high-quality base oils blended with advanced additive technology, including special detergent additives and superior soot control agents, it provides excellent heat resistance. The lubricant also offers high shear stability under all riding conditions, ensuring reliable protection against heat-related engine damage. As a result, the engine operates at maximum efficiency and delivers full performance.

Customer Benefits

- **Extends engine service life**

With specially formulated performance additives (SYN4MAX) designed specifically to resist wear and tear, and proven for effectiveness, providing protection against wear of critical components. Helps protect the engine and gearbox under riding conditions involving high speed and high engine RPM.

- **Maximum engine power and performance**

PT Maxnitron Racer 4T SAE-40 contains high-performance detergent additives that help the engine deliver maximum power and control the formation of carbon deposits on pistons and piston rings, keeping the engine clean throughout service life. In addition, it provides appropriate friction characteristics in the clutch system, improving clutch engagement and enabling smooth gear shifting across all speed ranges.

- **Excellent heat resistance and extended oil drain interval**

With outstanding resistance to oxidation reactions, it ensures thermal stability and oxidation control, resulting in longer oil service life and extended drain intervals.

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Performance Standards

- API SF/ CF, CD, CC
- MIL-L-46152B

Applications

- Suitable for all 4 - stroke motorcycles that require excellent protection and are approved to API SF standards
- Suitable for general motorcycles that require high-viscosity engine oil for enhanced wear protection
- Suitable for general 4 - stroke motorcycles that use single-grade SAE 40 engine oil and require standard-level protection
- Recommended oil change interval: 3,000 km

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

Typical Characteristics

Properties	Test instrument	SAE 40
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/D6045	L2.5
Kinematic Viscosity @ 40°C	ASTM D445	158.2
Kinematic Viscosity @ 100°C	ASTM D445	15.22
Viscosity Index	ASTM D2270	97
Flash Point by COC	ASTM D92	286
Pour Point (°C)	ASTM D5950/D6892	-6
Total Base Number (mgKOH/g)	ASTM D2896	4.86

*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.