

## Product Data Sheet

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### PT Maxnitron Racer Semi-Synthetic 4T AT

Semi Synthetic Motorcycle Engine Oil

JASO MB / API SL

SAE 10W-30

PT Maxnitron Racer Semi-Synthetic 4T AT is a semi-synthetic lubricant specifically designed to meet the requirements of 4-stroke automatic transmission motorcycles that demand superior engine protection. Its special formulation, combined with Molybdenum additives, helps reduce friction. When integrated with PT Maxnitron SYN4MAX technology, it effectively protects engine components against wear, enhances fluidity, and helps extend engine service life while maintaining optimal engine efficiency and performance.

Formulated with high-quality synthetic base oils, blended with advanced additive technology including special detergent additives and high-performance soot control agents, it provides excellent cleanliness under all operating conditions. The lubricant offers outstanding thermal resistance and shear stability during riding in all conditions, ensuring the engine is well protected from heat-related damage and can deliver maximum performance and full efficiency throughout its service life.

### Customer Benefits

- **Extends engine service life**

With specially formulated SYN4MAX additives, proven to resist wear, providing effective protection against wear of critical components. Helps protect the engine and transmission under high-speed and high-RPM riding conditions.

- **Maximum engine power and performance**

PT Maxnitron Racer Semi-Synthetic 4T AT contains high-performance detergent additives that help the engine deliver maximum power while controlling carbon deposit formation 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 ensuring smooth gear shifting across all speed ranges.

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

With outstanding oxidation resistance properties, it ensures thermal stability and resistance to oxidation, resulting in a longer oil change interval and sustained performance over extended use.

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## Performance Standards

- JASO MB
- API SL

## Applications

- Suitable for 4 - stroke automatic transmission motorcycles with engine displacement of 125 cc and above.
- Supports use in all types of automatic motorcycles, such as scooters, equipped with air-cooled or liquid-cooled systems.
- Meets JASO MB standard, suitable for dry clutch systems in automatic motorcycles.
- 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 | 2.0            |
| Kinematic Viscosity @40°C (cSt.)  | ASTM D445        | 78.39          |
| Kinematic Viscosity @100°C (cSt.) | ASTM D445        | 11.64          |
| Viscosity Index                   | ASTM D2270       | 141            |
| Flash Point by COC                | ASTM D92         | 242            |
| Pour Point                        | ASTM D5950/D6892 | -34            |
| Total Base Number (mgKOH/g)       | ASTM D2896       | 5.91           |

\*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.