

Product Data Sheet

PT Maxnitron 5000

Passenger Car Motor Oil for Gasoline

API SP

SAE 20W-50

PT Maxnitron 5000 PT Maxnitron 5000 is a high shear-stability multi-grade gasoline engine oil formulated from high-quality base oils and advanced performance additives. It is suitable for gasoline engines in passenger cars and light trucks requiring API SP or lower specifications. This lubricant is designed to provide outstanding engine protection under all operating conditions. It helps reduce wear, maintain engine power and performance, control deposit formation, minimize oil degradation, and extend overall engine life.

Customer Benefits

Extend Engine Life

- Special anti-wear additives deliver excellent wear protection under all operating conditions.
- Multi-grade viscosity with a strong oil film provides enhanced protection at high temperatures.

Maintain Engine Power and Performance

- Protects the engine against deposit formation to preserve power and performance.
- Advanced detergent and dispersant additives effectively control piston and piston ring deposits, even under high-temperature conditions.

Reduces Maintenance Costs and Optimizes Oil Consumption

- High shear-stability viscosity index improvers help maintain oil viscosity at elevated temperatures, control oil flow around piston rings, and minimize oil loss due to evaporation.
- Excellent thermal stability and high oxidation resistance prevent oil degradation, reducing the risk of sludge and deposit formation that may cause filter and oil passage blockages.

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Performance Standards

- API SP

Applications

- Suitable for naturally aspirated gasoline engines in passenger cars, light commercial vehicles, and public transport vehicles.
- Recommended for vehicles with higher mileage and engines requiring a thicker oil film to reduce wear and minimize oil consumption.
- Drain interval up to 5,000 kilometers.

**Not recommended for engines requiring ILSAC or ACEA specifications. Not suitable for turbocharged engines or engines powered by CNG or LPG / all diesel engines and motorcycle engines.*

Typical Characteristics

Properties	SAE 20W-50
Viscosity @ 40 °C (cSt.)	154
Viscosity @ 100 °C (cSt.)	18.4
Viscosity Index	129
Total Base Number (mgKOH/g)	7.1
Sulfated Ash, m%	0.7
Phosphorus, m%	0.07
Zinc, m%	0.08

*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.