

Product Data Sheet

PT Maxnitron Synthetic 20000

Fully Synthetic Motor Oil for Gasoline

API SN , ILSAC : GF-5

SAE 5W-30

PT Maxnitron Synthetic 20000 is a fully synthetic engine oil designed for both modern and conventional gasoline engines, meeting API SN standards. It provides excellent wear protection, controls deposit formation even at high temperatures, and helps maintain engine performance and cleanliness. Its low-friction formulation enhances fuel efficiency, while advanced anti-corrosion properties extend engine life and oil change intervals with reliable performance.

Customer Benefits

Protects and Extends Engine Life

- Anti-wear system that effectively minimizes engine wear under all operating conditions, including complex valve mechanisms such as Variable Valve Timing systems. Its low-viscosity multi-grade formulation reduces internal friction, providing superior protection during cold starts and at high operating temperatures. Delivers excellent corrosion protection and is fully compatible with ethanol-blended fuels up to E85.

Maintain Engine Performance and Power

- Forms a protective film on moving engine components immediately upon start-up, preventing performance loss caused by deposit build-up.
- Effectively controls deposit formation on pistons and piston rings, even under high-temperature conditions, keeping the engine clean and efficient. Friction modifiers that reduce internal friction, enhancing fuel economy and ensuring smoother engine operation.

Extend Maintenance Intervals and Maximize Oil Efficiency

- Excellent thermal stability and oxidation resistance, preventing oil degradation while reducing the formation of sludge and deposits that can cause blockages in the oil filter, oil pan, and valve train components.
- Resists deterioration between oil change intervals, helping extend service life and reduce maintenance frequency. Formulated with synthetic base oils featuring low volatility, it minimizes oil loss through evaporation for greater efficiency and cost-effectiveness.

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Performance Standards

- API SN
- ILSAC GF-5

Applications

- Naturally aspirated and turbocharged gasoline engines in passenger cars requiring ILSAC GF-5, API SN with SN Plus, or previous standards.
- Gasoline engines in light-duty pickup trucks requiring ILSAC GF-5, API SN with SN Plus, or spark ignition gasoline engines in passenger cars and light-duty pickups using ethanol-blended fuels up to E85.
- Small turbocharged gasoline engines, specifically models requiring protection against Low-Speed Pre-Ignition (LSPI).

Typical Characteristics

Properties	SAE 5W-30
Viscosity @ 40 °C (cSt.)	66.3
Viscosity @ 100 °C (cSt.)	11.3
Total Base Number, mgKOH/g	8.5
Sulfated Ash, m%	0.9
Zinc, m%	0.089
Phosphorus, m%	0.08

*The values stated above represent the current manufacturing standards and are subject to change as necessary to suit each production batch may cause minor differences. However, the products will continue to maintain the same quality characteristics and standards of PT Maxnitron.