

Product Data Sheet

PT Maxnitron Max GX

Fully Synthetic Motor Oil for Gasoline

API SP / ILSAC GF-6A

SAE 5W-30

PT Maxnitron Max GX is a high-quality, fully synthetic engine oil designed to deliver maximum torque and power while providing excellent protection for gasoline engines. It is suitable for port fuel injection (PFI) engines using unleaded gasoline (ULG) and ethanol-blended fuels (E10, E20, and E85), as well as high-performance gasoline engines, including GDI (Gasoline Direct Injection) and Turbo-GDI. The advanced formulation helps extend engine life by reducing wear, minimizing harmful deposit formation, and maintaining engine cleanliness. It also allows for extended oil drain intervals and is suitable for conventional gasoline engines requiring SAE 5W-30 viscosity lubricants.

PT Maxnitron Max GX is formulated with specially designed high-performance additives to meet the diverse demands of modern engine operation under the SYN4MAX-DEEP Concept (Durability / Environmental & Economical / Protection). This fully synthetic high-quality engine oil is blended with advanced performance additives, including detergents and dispersants in optimal balance, to maintain engine cleanliness under all operating conditions. The formulation provides exceptional oxidation resistance and ensures long-lasting viscosity stability throughout the oil drain interval. It delivers superior wear protection and is suitable for all driving conditions—whether in congested urban traffic, high-speed highway driving, or during heavy engine loads requiring maximum power—allowing the engine to operate at peak performance efficiently and reliably.

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Customer Benefits

Extends Engine Life with Superior Protection

Advanced additive with SYN4MAX technology provides excellent anti-wear and anti-corrosion protection. High-performance anti-foam agents reduce foaming and protect critical engine components. Fully synthetic formulation ensures outstanding engine protection and maintains viscosity across all operating conditions. Provides additional wear protection during engine startup, even under high-temperature conditions.

High Thermal and Oxidation Stability for Extended Oil Life

Exceptional stability under all operating conditions and excellent oxidation resistance help prevent sludge formation. Maintains optimal viscosity, reducing oil consumption and extending drain intervals. Provides long-lasting, cost-effective protection compared to conventional lubricants.

Protects the Engine from Wear

Anti-Wear for Engine Components. Anti-wear additives form a chemical protective layer between moving engine parts. The strong and durable oil film is particularly critical during driving and engine startup, providing enhanced protection when it is most needed.

Low Friction for Enhanced Engine Response

PT Maxnitron Max GX contains specially formulated additives that effectively break down soot and other deposits, keeping the engine cleaner throughout the oil drain interval. This enhanced engine cleanliness helps reduce wear and contributes to a longer overall engine life.

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Performance Standards

- API SP
- ILSAC GF-6A

Applications

- Suitable for all types of high-performance gasoline engines, including GDI / Turbo-GDI engines and hybrid vehicle engines, as well as conventional and modern passenger cars, sports cars, and SUVs equipped with start-stop systems.
- It is compatible with port fuel injection (PFI) gasoline engines using unleaded gasoline (ULG) and ethanol-blended fuels (E10, E20, and E85).
- Recommended for gasoline-powered vehicles that specify SAE 5W-30 engine oil.

Typical Characteristics

Properties	Test Method	SAE 5W-30
Appearance	Visual	Bright & Clear
Specific Gravity @ 15.6 °C (cSt.)	ASTM D4052	0.8534
Viscosity @ 40 °C (cSt.)	ASTM D445	64.85
Viscosity @ 100 °C (cSt.)	ASTM D445	14.96
Viscosity Index	ASTM D2270	161
Foam Test, ml/ml	ASTM D892	Nil/0, Nil/0, Nil/0
Flash Point (°C)	ASTM D92	234
Pour Point (°C)	ASTM D97	-33
Total Base Number, mgKOH/g	ASTM D2896	7
Cold Cranking Simulator @-35°C, cP	ASTM D5293	5759

*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.