

Product Data Sheet

PT Maxnitron Ultra Diesel Pro

Semi-Synthetic & Premium Performance Heavy Duty Diesel Engine Oil

API CI-4 / SL , ACEA E7, JASO DH-1

SAE 15W-40

PT Maxnitron Ultra Diesel Pro is a premium semi-synthetic lubricant, specially formulated for high-performance diesel engines that meet the API CI-4 specification, equivalent to ACEA E7-16 (European standard) and JASO DH-1 (Japanese standard). In addition, it is also suitable for gasoline engines requiring lubricants meeting the API SL specification.

PT Maxnitron Ultra Diesel Pro is formulated with special performance additives that have been specifically designed by PT Maxnitron to meet the needs of users in every aspect (SYN4MAX – DEEP Concept: Durability / Environmental & Economical / Protection). It contains a blend of high-quality base oils and synthetic oils, combined with premium performance additives such as detergents to maintain engine cleanliness and dispersants to control soot and deposits in a balanced manner. This formulation ensures exceptional engine cleanliness under all operating conditions, superior oxidative stability to prevent oil degradation, consistent viscosity throughout the oil's service life, and outstanding wear protection. As a result, the engine operates at maximum efficiency and performance under all driving conditions, including heavy-duty operation.

Customer Benefits

Extend the life of your engine and provide superior protection

With the proven SYN4MAX special performance additives, it delivers effective anti-wear and anti-corrosion protection for critical engine components under all operating conditions. The engine is further safeguarded through semi-synthetic technology and multi-grade viscosity, maintaining optimal oil thickness throughout all operating conditions. Additional wear protection is provided during engine start-up, particularly under high-temperature conditions, making it ideal for turbocharged diesel engines.

Maximum Engine Power and Performance

PT Maxnitron Ultra Diesel Pro contains high-performance detergent additives that help reduce the buildup of soot and contaminants on engine components, ensuring the engine delivers peak power. These additives also provide excellent soot dispersion, controlling soot formation resulting from combustion, even during prolonged operation under high-temperature conditions.

Helps extend the service life of the oil and filter.

The high-performance additives provide excellent oxidation resistance, protecting against the formation of sticky sludge that can increase oil viscosity, making it thick and heavy. In addition, superior soot-dispersing additives within the oil molecules help prevent soot and particulate buildup, reducing the risk of filter clogging.

Performance Standards

- API CI-4 / SL
- ACEA E7
- JASO DH-1
- SAE 15W-40

Applications

- Diesel engines (high-speed, four-stroke, turbocharged, or naturally aspirated)
- Trucks, commercial vehicles, buses, vans
- Heavy machinery and generators
- For pickup trucks: recommended oil change interval is 10,000–15,000 km

*The recommended oil change interval may vary depending on operating conditions, fuel quality, engine age, and maintenance practices.

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Performance References

SAE	API CI-4 / API SL	ACEA E7	MB 228.3	MAN 3275	JASO DH-1	Global DHD-1	VOLVO VDS-3	Deutz QC-II / III	MTU2.0	MACK E0-N / E0-m+	Cummins CES 20077 / 20078	Caterpillar ECF-1a / ECF-2	DDC 93K215
15W-40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Typical Characteristics

Properties	SAE 15W-40
Viscosity @ 100 °C (cSt.)	14.5
Viscosity @ 40 °C (cSt.)	109.3
Viscosity Index	136
Total Base Number, mgKOH/g	11.0
Flash Point-COC (°C)	232

*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.