

Product Data Sheet

PT Maxnitron Power Diesel

Heavy Duty Diesel Engine Oil

API CF-4, CF / SG

SAE 20W-50

PT Maxnitron Power Diesel is a multi-grade lubricant formulated from conventional base oils and blended with specially designed performance additives for use in general-purpose diesel engines, older engines, and heavy-duty applications. It provides reliable protection and performance, including control of high-temperature deposits with metal-based detergents and dispersant additives. Oxidation stability that reduces viscosity increase and prevents filter blockage. Anti-wear protection that extends engine life. Maintaining engine power and performance, particularly in turbocharged diesel engines operating under high-temperature conditions. Suitable for diesel engines meeting API CF-4, CF / SG performance standards.

Customer Benefits

Reduce Maintenance Costs

- The metallic detergent and ash-less dispersant additive system helps control high-temperature deposit formation in diesel engines.
- Excellent oxidation stability prevents the formation of sticky sludge and varnish at high temperatures, reduces oil viscosity build-up, and lowers the risk of blockages in oil passages and filters.

Extend Engine Life

- Anti-wear additives help protect heavily loaded engine components under all operating conditions.
- Multi-grade viscosity enhance protection from engine start-up and maintain effective lubrication under high-temperature operating conditions.

Maintain Engine Power and Perform Maintenance Intervals

- Detergent and ash-less dispersant additives effectively control deposit formation in the upper piston ring belt, providing optimal protection under high-temperature conditions commonly encountered in turbocharged diesel engines.

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Performance Standards

- API CF-4, CF / SG

Applications

- Suitable for various types of diesel engines, including high-speed four-stroke engines, both turbocharged and naturally aspirated.
- Can be used in four-stroke gasoline engines, especially in mixed containing both diesel and gasoline engines.
- Commercial vehicles for road transport / agricultural tractors / generator sets.
- High-speed diesel engines used in marine applications, such as fishing boats or river boat.

*The recommended oil change interval is intended for passenger cars. When used in heavy-duty vehicles, the oil change interval may be extended depending on operating conditions.

Typical Characteristics

Properties	SAE 15W-40
Viscosity @ 100 °C (cSt.)	19.1
Viscosity Index	125
Total Base Number, mgKOH/g	10.3
Sulfated Ash, m %	1.2
Zinc, m %	0.14

*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.