

Product Data Sheet

PT Maxnitron Fleet MT

Premium Performance Heavy Duty Diesel Engine Oil

API CI-4

SAE 15W-40, 20W-50

PT Maxnitron Fleet MT is a premium-grade lubricating oil for diesel engines, formulated with high-purity base oils superior to conventional base oils. It is blended with advanced additive technology, including specially designed detergents and ashless dispersant additives in an optimal balance. This formulation ensures excellent engine cleanliness under all operating conditions, provides outstanding resistance to oxidation, and delivers superior protection against engine wear. As a result, the engine operates at maximum efficiency and full performance, even under severe and heavy-duty operating conditions.

Customer Benefits

- **Extends engine service life with superior protection**

Formulated with proven SYN4MAX technology, anti-wear additives provide excellent protection for critical engine components under all operating conditions. Engine protection is achieved through semi-synthetic oil and multi-grade viscosity, maintaining optimal viscosity across the entire operating range. This helps prevent additional wear during cold starts, especially under high-temperature operating conditions for turbocharged diesel engines.

- **Delivers maximum power and full performance**

PT Maxnitron Fleet HD contains high-performance detergents that effectively reduce the accumulation of soot and contaminants on engine components, allowing the engine to operate at maximum power. Advanced dispersant additives control soot formation resulting from combustion, even during prolonged high-temperature operation.

- **Extends oil and filter service life**

Exceptional oxidation-resistant additives help prevent the formation of sludge and varnish that can cause oil thickening and excessive viscosity. In addition, superior dispersant molecules reduce the agglomeration of soot and dust, minimizing the risk of oil filter clogging

PT Maxnitron Fleet MT

Premium Performance Heavy Duty Diesel Engine Oil

API CI-4

SAE 15W-40, 20W-50

Performance Standards

- API CI-4

Applications

- Diesel engines (high-speed, four-stroke, turbocharged, or naturally aspirated)
- Trucks, transport vehicles, buses, pickup trucks, and commercial vehicles
- Heavy machinery and generator sets
- Recommended oil drain interval: 15,000 - 20,000 km

*The recommended drain interval depends on operating conditions, fuel quality, engine age, and maintenance practices

Typical Characteristics

Properties	Test Method	SAE 15W-40	SAE 20W-50
Appearance	Visual	Bright & Clear	Bright & Clear
Density @ 30°C, g/cm ³	ASTM D4052	0.874	0.878
Kinematic Viscosity @40°C, cSt	ASTM D445	110.4	166.1
Kinematic Viscosity @100°C, cSt	ASTM D445	14.46	18.61
Viscosity Index	ASTM D2270	136	126
Cold Cranking Simulator @ cP	ASTM D5293	5,975 (-20°C)	7,021 (-15°C)
Total Base Number, mgKOH/g	ASTM D2896	10	10
FOAM TEST ml/ml	ASTM D892	Nil/0, Nil/0, Nil/0	Nil/0, Nil/0, Nil/0

*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.