

MAXTRON® DEO

Synthetic Blend Diesel Engine Oil

General Description

MAXTRON DEO is designed to provide superior protection in the most severe of diesel applications. The advanced synthetic blend formulation is designed to meet or exceed heavy-duty diesel engine requirements for years to come. MAXTRON DEO is designed for longer engine life under the most extreme conditions:

- Heavy-duty additive package reduces deposit formation, limits wear and corrosion, and suspends contaminants for longer engine life.
- Protects against "volatility burn-off."
- Synthetic blend chemistry provides excellent low temperature performance.
- Exceptional soot control.
- Exceptional high-temperature/high-shear characteristics.

Expect superior performance in:

- Four-stroke naturally aspirated and turbocharged diesel engines.
- Extended drain operations.
- Over-the-road fleets and individual units.
- Stationary diesel engines, such as irrigation and standby generators.
- Off-highway agricultural and construction equipment.
- Small diesel engines in pickups, automobiles and commercial equipment.

Features and Benefits

Oil Durability: The synthetic blend and heavy-duty chemistry reduce oxidation effects and provide longer oil life.

Oil Pumpability: MAXTRON DEO 15W-40 meets the pumpability requirements of a 10W engine oil, therefore providing lubrication quicker to reduce engine wear during cold start-ups.

Shear Stability: Lower viscosity loss due to shearing provides consistent oil viscosity.

Exceptional Soot Control: MAXTRON DEO suspends and holds more soot, which leads to reduced engine wear and extended engine life.

High TBN: High initial Total Base Number (TBN) and excellent retention neutralizes more contamination and for a longer time.

Deposit and Consumption Control: Controlling deposits helps control oil consumption and leads to longer engine life with reduced maintenance.

Reserve Protection: An extra 25% reserve protection ensures longer oil life under severe conditions.

Lower Volatility: Less oil volatility leads to lower consumption, fewer high temperature deposits and less oil top-off required.

Extended Drain: MAXTRON DEO is designed to provide superior performance in extended drain service.

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Typical Application

MAXTRON DEO is designed specifically for heavy-duty diesel engines. It is recommended for diesel engines calling for API CI-4, CH-4, CG-4, CF-4, CF, CE, and/or CD.

Typical Customer

Operators of:

- Heavy-duty agricultural diesel engines operating in severe conditions.
- Truck fleets interested in extended oil drain.
- Heavy-duty construction diesel engines operating in severe conditions.
- Diesel engines in automobiles and light trucks.
- Stationary diesel engines in irrigation service.

Typical Properties

SAE Grade	5W-40	15W-40
API Gravity	32.6	31.0
Viscosity @ 40°C, cSt (SUS)	96.1	111 (533)
Viscosity @ 100°C, cSt (SUS)	15.0	15.3 (76.9)
Viscosity Index	164	143
Viscosity, cP, CCS	6,300@ -30°C	6,400 @ -20°C
Pour Point, F	-45	-35
Flash, COC, F	419	433
MRV-TP1, cP	29,500 @ -35 C	20,300 @ -25°C 42,700 @ -30°C
Total Base No. (TBN)	13	13
Sulfated Ash Wt. %	1.5	1.5

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Total Protection Plan™ Warranty

MAXTRON DEO is backed by the Total Protection Plan warranty program for up to 10 years/10,000 hours on agricultural equipment. See the warranty program for complete details.

Health & Safety

A complete material safety data sheet is available upon request. Used motor oil contains combustion by-products which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.