



Maxtron[®] MT

Full-Synthetic Manual Transmission Lubricant

General Description

Maxtron[®] MT is a full-synthetic manual transmission lubricant specially formulated for extended drain and severe service in heavy duty transmissions that do not require an EP (extreme pressure) lubricant.

Maxtron MT synthetic base oils provide a high viscosity index and a low pour point, which results in excellent high temperature oxidation stability, shear stability and low temperature flow characteristics. The superior cold flow properties provide easier cold weather shifting, less internal drag and less gear wear due to quick lubrication at low temperatures. Maxtron MT contains effective additives that provide anti-wear, rust, corrosion and oxidation performance to maximize the protection of gears, bearings, synchronizers, shafts and other moving parts.

Maxtron MT SAE 40

Maxtron MT SAE 40 is specifically formulated to protect higher torque transmissions that are connected to increased horsepower engines. The product is exceptionally shear stable and provides up to 1.5% fuel economy improvement. This SAE grade is approved for use in Eaton transmission applications and is recommended for commercial vehicle applications.

Expect excellent performance in these applications:

- Eaton (**The Maxtron MT SAE 40 meets Eaton PS-386**)
- Dana
- Spicer
- Mack
- Roadranger
- Rockwell
- Arvin Meritor

Features and Benefits

- **Extended OEM Warranty and Drain:** Maxtron MT SAE 40 is fully approved by Eaton PS-386 for extended warranty coverage (up to 750,000 miles) and extended drain intervals (up to 500,000 miles) when using this lubricant.
- **Oil Durability:** Designed to protect transmissions against higher torque and horsepower in severe service. Improved high temperature oxidation and thermal stability results in longer oil life by minimizing sludge and varnish deposits.
- **Oil Pumpability:** Outstanding low temperature performance results in quicker lubrication to moving parts, less wear and easier shifting during cold weather operation.
- **All-Climate Performance:** Provides year-round protection over wide temperature ranges eliminating the need for seasonal changes.
- **Fuel Economy:** Formulated to increase fuel economy up to 1.5% over mineral oils with its excellent cold flow properties and resistance to internal friction.

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Typical Applications

Maxtron[®] MT full-synthetic manual transmission lubricant meets or exceeds the following performance requirements:

- **The SAE 40 meets Eaton PS-386 for extended drain intervals and warranty coverage.**
- Mack TO-A Plus
- International TMS 6816
- ZF Freedom Line
- Arvin Meritor (Rockwell) O-81
- API MT-1, GL-1

Typical Customers

Owners and operators of:

- Fleets equipped with the manual transmissions and interested in extended oil drain intervals.
- Fleets interested in ease of shifting, reduced downtime, better fuel economy and year-around use.

Typical Properties

SAE Grade	40	50
Eaton PS-386 Approved	Yes	No
API Gravity / Lbs. gallon	34.9/15.6	33.0 / 7.16
Viscosity @ 40°C, cSt (SUS)	95.1	132 (678)
Viscosity @ 100°C, cSt (SUS)	14.8	17.5 (90)
Viscosity Index	163	146
Brookfield, cP @ -40 °C	51,900	99,800
Pour Point °C / °F	-42 / -44	-45 / -49
Flash, COC, °C / °F	238 (460)	221 / 430
Copper Strip Corrosion 3 hrs @ 121 °C / 250 °F	1a	1a

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

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit www.Cenex.com/sds-library.