

## Full Synthetic Manual Transmission Lubricant SAE 50

### General Description

Maxtron<sup>®</sup> 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. This give 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 do to quick lubrication at low temperatures. The all-climate, year-round performance leads to less down time, lower maintenance, increased equipment life and the potential for improvement in fuel economy.

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.

### Expect excellent performance in these applications:

Eaton, Dana, Fuller, Spicer, Mack, Roadranger, Rockwell, Arvin Meritor heavy duty manual transmissions.

### Features and Benefits

- **Extended OEM Warranty and Drain:** Maxtron MT is fully approved by Eaton PS-164 Rev.7 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:** can be used year-round over wide temperature ranges eliminating the need for seasonal changes.
- **Fuel Economy:** has the potential for improved fuel economy over mineral oils with its excellent cold flow properties and resistance to internal friction.
- **Reduced Cost and Down Time:** as a result of longer transmission life, reduced maintenance along with fewer oil changes.

# Maxtron<sup>®</sup> MT

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### Typical Application

Maxtron<sup>®</sup> MT full synthetic manual transmission lubricant meets or exceeds the following performance requirements:

- Eaton PS-164 Rev. 7 for extended drain intervals and warranty coverage.
- Mack TO-A Plus
- International TMS 6816
- ZF FreedomLine
- Arvin Meritor (Rockwell) O-81
- API MT-1, GL-1

### Typical Customer

Owners and operators of:

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

### Typical Properties

SAE Grade	50
API Gravity / Lbs. gallon	33.0 / 7.16
Viscosity @ 40°C, cSt (SUS)	132 (678)
Viscosity @ 100°C, cSt (SUS)	17.5 (90)
Viscosity Index	146
Brookfield, cP @ -40 °C	99,800
Pour Point °C / °F	-45 / -49
Flash, COC, °C / °F	221 / 430
Copper Strip Corrosion 3 hrs @ 121 °C / 250 °F	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](http://www.cenex.com).