

Maxtron[®] All-Syn HD ATF



Full Synthetic Heavy Duty Automatic Transmission Fluid

General Description

Maxtron[®] All-Syn HD ATF is a specially designed ATF fluid for maximum protection in heavy duty automatic and power shift transmissions for trucks, buses and other commercial equipment operating under severe and extended drain conditions.

Maxtron All-Syn HD ATF contains a carefully selected synthetic base oil assuring excellent wide temperature range performance while the specialized advanced performance additive system provides superior oxidation resistance, wear protection and smooth power transfer during shift cycles, under both normal and extended drain operating conditions. It is compatible with mineral oil ATF's and transmission seal materials.

Maxtron All-Syn HD ATF contains additional special additives to enhance cold temperature performance, prevent oil seal deterioration, reduce foam, and a color indicator for easy identification.

Maxtron All-Syn HD ATF technology has been field tested and demonstrated extended drain and filter life. This can reduce operating cost and used oil disposal. The OEM manufactures extended drain recommendation should be followed.

Features and Benefits

- **Stable Frictional Properties:** Outstanding frictional characteristics provide smooth shifting and excellent retention of shift quality and fuel economy throughout the service interval.
- **Wear Protection:** Shear stability, viscosity retention and increased film strength reduce wear on gears, bearings, and clutches to give longer transmission life.
- **High Temperature Protection:** Excellent thermal, oxidation, sludge, corrosion, and deposit protection for the increased transmission temperatures, severe service, and extended drains.
- **Cold Temperature Fluidity:** Superior cold temperature flow characteristics assures ease of pumping, reduced wear and good shifting capabilities, even at extremely low temperatures.

Maxtron[®] All-Syn HD ATF

Full Synthetic Heavy Duty Automatic Transmission Fluid

Typical Application

Maxtron[®] All-Syn HD ATF meets or exceeds performance requirements and can be used in applications where manufacturers recommend the use of:

- Allison TES 295, TES 389, C-4
- ZF Transmissions TE-ML-14B
- Voith Transmissions G607/G1363
- CAT AT-1
- Dexron[®] II,III-H
- Mercon[®],Mercon[®] V

Typical Customer

Owners and operators of:

- On/Off Highway Trucks and Equipment
- Highway, City, and School Buses
- Commercial Vehicles, Vans,
- Emergency Vehicles
- Motor Homes
- Refuse Trucks
- Agriculture Equipment

Typical Properties

API Gravity / lbs./gal.	34.8 / 7.09
Flash Point, °F	417
Viscosity, cSt	
@ 40°C	32.9
@ 100°C	7.5
Viscosity Index	207
Pour Point, °F	-59
Brookfield cP@ -40C	8,000
CCS cP@ -35C	2,900
Color	Red

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.