



Maxtron® All-Syn HD ATF



Full-Synthetic Heavy Duty Automatic Transmission

General Description

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

The unique formulation contains carefully selected synthetic base oils assuring excellent wide temperature range performance. The specialized advanced additive system provides superior oxidation resistance, wear protection and smooth power transfer during shift cycles, under both normal and extended operating conditions. The additive package also contains enhanced attributes to manage cold temperature performance, prevent oil seal deterioration and reduce foam.

Maxtron All-Syn HD ATF technology has been field-tested and demonstrated to extend drain and filter life. This allows for reduced operating cost and less frequent downtime.

Always refer to OEM manufactures' recommendation for extended drain intervals.

Features and Benefits

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

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Typical Applications

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 Customers

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@ -40°C	8,000
CCS cP@ -35°C	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 cenex.com/sds-library.