Mobil

Mobil 1™ Synthetic ATF

Mobil Passenger-Vehicle-Lube , United States

Advanced Synthetic Automatic Transmission Fluid

Product Description

Mobil 1™ Synthetic ATF is a multi-vehicle, fully synthetic fluid designed to meet the demanding requirements of modern passenger vehicles.

Features and Benefits

Mobil 1 Synthetic ATF outperforms conventional ATFs and helps to provide outstanding resistance to oil breakdown and deposits. The inherently high viscosity index and stability of Mobil 1 Synthetic ATF helps to protect against thermal breakdown at high operating temperatures, while still providing outstanding performance at ambient temperatures as low as -54º C. Further, it helps to improve overall transmission durability and cleanliness. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Enhanced, long-term frictional properties	Helps to improve and extend transmission efficiency, smooth shifting performance and fuel economy
Exceptional thermal and oxidation stability	Keeps transmissions clean to help provide outstanding performance even under severe driving conditions
Outstanding film-strength and anti-wear properties	Significant wear reduction which can contribute to long transmission life
Excellent low-temperature fluidity	Helps to provide prompt and reliable lubrication at ambient temperatures down to -54º C
Exceptional shear stability	Viscosity retention even under some of the severest heavy duty, high temperature operating conditions
Compatible with mineral ATF fluids and all common seal materials	Reduced concern in top-off emergencies and excellent leakage control

Applications

- Mobil 1 Synthetic ATF is a multi-vehicle formula recommended for use in modern high performance automobiles, SUV's, SUT's, vans and other light trucks
- Recommended by ExxonMobil for use in applications requiring Dexron III , Ford Mercon and Mercon V performance levels
- Recommended by ExxonMobil for use in applications specifying the off-highway power transmission requirements of Allison C-4

Specifications and Approvals

This product is recommended for use in applications requiring:
Allison C-4
Ford MERCON
GM DEXRON
GM DEXRON II

This product is recommended for use in applications requiring:
GM DEXRON IID
GM DEXRON IIE
GM DEXRON IIiG
GM DEXRON IIIH
VOLVO 97340

This product meets or exceeds the requirements of:
Ford MERCON V
JASO 1-A

Properties and Specifications

Property	
Grade	MERCON V
ASTM Color, ASTM D1500	Red
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	10040
Density @ 15.6 C, g/ml, ASTM D4052	0.846
Flash Point, Cleveland Open Cup, °C, ASTM D92	220
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	7.4
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	36.3
Pour Point, °C, ASTM D97	-51
Viscosity Index, ASTM D2270	176

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without

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