

Mobil 1 Synthetic ATF

Our most Advanced Synthetic Automatic Transmission Fluid

Product Description

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

Features & Expected Benefits

Mobil 1 Synthetic ATF with SuperSyn Technology outperforms conventional ATFs and provides outstanding resistance to oil breakdown and deposits. The inherently high viscosity index and stability of Mobil 1 Synthetic ATF protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at ambient temperatures as low as -54° C. Further, it improves overall transmission durability and cleanliness. Key features and benefits include:

Features	Advantages and Potential Benefits
Optimized, long-term frictional properties	Delivers excellent transmission efficiency and smooth shifting performance
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 longer transmission life
Excellent low-temperature fluidity	Provides prompt and reliable lubrication at ambient temperatures down to -54°C
Exceptional shear stability	Viscosity retention even under 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 requiring Mercon V performance levels
- Recommended by Imperial Oil I for use in 2005 and earlier GM vehicles. Mobil DEXRON-VI ATF is recommended for 2006 and newer GM's and for improved performance in 2005 and earlier GM vehicles
- Also recommended Imperial Oil for Fords that require a MERCON V fluid and for pre 2000 model years Ford light duty vehicles.
- Surpasses the off-highway power transmission requirements of Allison C-4
- Suitable for Caterpillar TO-2 applications
- Recommended for use in any power steering unit where an ATF is required.



Specifications & Approvals

Mobil 1 Synthetic ATF has the following builder approvals:

Allison C-4	X
Ford Mercon	X
ZF TE-ML 04D,14B,16L	X

Mobil 1 Synthetic ATF is recommended for use in applications requiring:

Caterpillar TO-2	X
Vickers 35VQ25 Vane Pump Test	X
Sundstrand Piston Pump Test	X

Typical Properties

Mobil 1 Synthetic ATF

Viscosity, ASTM D 445	
cSt @ 40°C	34
cSt @ 100°C	7.6
Brookfield Viscosity, ASTM D 5293	
-cP @ -40°C	5190
Viscosity Index, ASTM D 2270	199
Pour Point, °C, ASTM D 97	-54
Flash Point, °C, ASTM D 92	236
Density @ 15°C kg/l, ASTM D 4052	.86
Colour	Red

Precautions

MOBIL 1 SYNTHETIC ATF is manufactured from high quality synthetic base oil, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Special care is also recommended in handling used motor oils. A Service Data Sheet entitled "Safe Handling of Used Motor Oils" is available on request from your Imperial Oil Representative. Please refer to our Imperial Oil Material Safety Data Sheet for further information.

Note: This product is not controlled under Canadian WHMIS legislation.

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Due to continual product research and development, the information contained herein is subject to changes without notification. Additional important health and safety information on this product can be found in the Material Safety Data Sheet, which is available online at www.imperialoil.ca/mobil or by contacting Lubricants and Petroleum Specialties, Technical Services, Technical Help Desk: 1-800-268-3183

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