



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 Potential 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 -54° 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 -54° 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

|                                                                    |  |
|--------------------------------------------------------------------|--|
| <b>Mobil 1 Synthetic ATF meets or exceeds the requirements of:</b> |  |
| JASO 1-A                                                           |  |
| Ford Mercon V                                                      |  |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| <b>According to ExxonMobil, Mobil 1 Synthetic ATF is of the following quality level:</b> |  |
| Allison C-4                                                                              |  |
| General Motors Dexron IIIH                                                               |  |
| General Motors Dexron IIIG                                                               |  |
| General Motors Dexron IIE                                                                |  |
| General Motors Dexron IID                                                                |  |
| General Motors Dexron II                                                                 |  |
| General Motors Dexron                                                                    |  |
| Ford Mercon                                                                              |  |
| Voith H55.6335.3X                                                                        |  |
| MAN 339 V1                                                                               |  |
| Volvo 97340                                                                              |  |
| Volvo 97341                                                                              |  |

## Typical Properties

|                              |  |
|------------------------------|--|
| <b>Mobil 1 Synthetic ATF</b> |  |
| Viscosity, cSt (ASTM D445)   |  |

|                                       |        |
|---------------------------------------|--------|
| @ 40 °C                               | 36.3   |
| @ 100 °C                              | 7.4    |
| Viscosity Index                       | 176    |
| Brookfield Viscosity, cP (ASTM D2983) |        |
| @ -40° C                              | 10,040 |
| Pour Point, °C (ASTM D97)             | -51    |
| Flash Point, °C (ASTM D92)            | 220    |
| Density @15.6 °C g/ml (ASTM D4052)    | 0.846  |
| Color                                 | Red    |

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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 notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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