



Mobil Delvac™ 1 ATF

Advanced Technology Synthetic Automatic Transmission Fluid

Product Description

Mobil Delvac Synthetic ATF is a fully synthetic fluid recommended by Allison Transmission, Inc. approved against the Allison TES-295 Specification. The fluid is designed to meet the demanding requirements of modern heavy duty automatic transmissions. The synthetic base oil composition enables excellent performance even in some of the harshest of operating conditions. It offers outstanding gear shifting and power transfer performance. Versus conventional ATF fluids, the inherently high viscosity index and stability of Mobil Delvac Synthetic ATF protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at sub-zero temperatures.

Features and Benefits

Mobil Delvac Synthetic ATF advanced technology has demonstrated extended drain, long-term friction retention, and low-temperature capability. Further, it improves overall transmission durability and cleanliness. Key features and benefits include

Features	Advantages and Potential Benefits
Enhanced, long-term frictional properties.	Helps improve overall and extends transmission efficiency, smooth shifting performance and fuel economy.
Exceptional thermal and oxidation stability.	Keeps transmissions clean to extend life and performance even under some of the harshest driving conditions.
Outstanding film-strength and anti-wear properties.	Significant wear reduction and long transmission life.
Excellent low-temperature fluidity.	Provides prompt and reliable lubrication at sub-zero ambient temperatures down to -54° C.
Exceptional shear stability.	Leads to viscosity retention even under the severest heavy duty, high temperature operating conditions.
Compatible with mineral ATF fluids	Reduced concern in top-off situations and excellent seal materials leakage control.

Applications

Mobil Delvac Synthetic ATF is recommended by ExxonMobil for use in modern high performance trucks, buses, utility vehicles, haulers, vans and other equipment requiring Allison TES-295 or MB-Approval 236.91 performance levels.

Specifications and Approvals

Mobil Delvac Synthetic ATF has the following builder approvals:

Allison TES-295 (AN - 051005)	X
MB-Approval 236.91	X
ZF TE-ML 04D/ 14C/ 16M/ 20C	X
Voith Turbo H55.633639	X
Voith Turbo DIWA Service Bulletin 013 & 118- Extended Drain	X

Typical Properties

Mobil Delvac Synthetic ATF

Viscosity, ASTM D 445

cSt @ 40° C	39
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cSt @ 100° C	7.3
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Brookfield Viscosity, ASTM D 5293

-cP @ -40° C	8400
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Viscosity Index, ASTM D 2270	168
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Pour Point, °C, ASTM D 97	-54
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Flash Point, °C, ASTM D 92	236
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Density @15° C kg/l, ASTM D 4052	0.85
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Color	Red
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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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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