Mobil Delvac 1™ ATF

Mobil Commercial Vehicle Lube , United States

Advanced Technology Synthetic Automatic Transmission Fluid

Product Description

Mobil Delvac 1 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 1 ATF protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at sub-zero temperatures.

Features and Benefits

Mobil Delvac 1 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 –54º 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 1 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 DTFR 13C180 performance levels.

Specifications and Approvals

This product has the following approvals:
Allison TES-295
Allison TES-468
Voith Turbo DIWA Service Bulletin 013 -Extended Drain

This product has the following approvals:
Voith Turbo DIWA Service Bulletin 118 - Extended Drain
Voith Turbo H55.6336.xx
ZF TE-ML 04D
ZF TE-ML 14C
ZF TE-ML 16M
ZF TE-ML 20C
MAN 339 Typ V2
MAN 339 Typ Z12
MAN 339 Typ Z3
ZF TE-ML 16S
TE-ML 25C
Daimler Truck DTFR 13C180
ZF TE-ML 03M

Properties and Specifications

Property	
Grade	N/A
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	8400
Color, AMS 1771	Red
Density @ 15.6 C, g/ml, ASTM D4052	0.85
Flash Point, °C, ASTM D92	236
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	7.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	39
Pour Point, °C, ASTM D97	-54
Viscosity Index, ASTM D2270	168

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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