



Mobil Delvac 1™ ATF 668

Mobil Commercial-Vehicle-Lube , United States

Advanced Technology Synthetic Automatic Transmission Fluid

Product Description

Mobil Delvac 1™ ATF 668 is a fully synthetic transmission fluid recommended by Allison Transmission, Inc. that is approved against the Allison TES 668® specification, and is backwards compatible for applications recommending Allison TES 295®. 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 668 helps protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at sub-zero temperatures.

Allison Approval Numbers: 668-10202021; 668-10212021

Features and Benefits

Mobil Delvac 1™ ATF 668 advanced technology has demonstrated extended drain, long-term friction retention, and low-temperature capability. Further, it helps improve 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.	Helps reduce significant wear and improve long transmission life.
Excellent low-temperature fluidity.	*Provides prompt and reliable lubrication at sub-zero ambient temperatures down to -54° C. Disclaimer: *ASTM D97 Pour Point testing data
Exceptional shear stability.	Leads to viscosity retention even under the most severe 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 668 is recommended by ExxonMobil for use in modern high performance trucks, buses, utility vehicles, haulers, vans and other equipment requiring Allison TES 668® or Allison TES 295®.

Specifications and Approvals

This product has the following approvals:
Allison TES 668

Properties and Specifications

Property	
Grade	SAE Others
Density @ 15 C, kg/m3, ASTM D4052	836.2

Property	
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	36.5
Pour Point, °C, ASTM D97	-54
Viscosity Index, ASTM D2270	154
Flash Point, °C, ASTM D92	233
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	11000
ASTM Color, ASTM D1500	Red
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	6.85

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 notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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