Mobil Delvac 1™ ATF 668

Mobil Commercial Vehicle Lube , Norway

Advanced Synthetic Technology Automatic Transmission Fluid

Product Description

Mobil Delvac 1 ATF 668 is an advanced synthetic technology fluid recommended by Allison Transmission, Inc. approved against the Allison TES-668 Specification. The fluid is designed to meet the demanding requirements of modern heavy duty automatic transmissions. The synthetic technology 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 protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at sub-zero temperatures.

Features and Benefits

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 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 performance level.

Specifications and Approvals

This product has the following approvals:
Allison TES 668

Properties and Specifications

Property	
Density @ 15 C, kg/m3, ASTM D4052	836.2
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	36.5

Property	
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, mm2/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

09-2023

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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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