



## Mobil Delvac 1™ ATF 668

Mobil Commercial Vehicle Lube , Canada

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 protect against thermal breakdown at high operating temperatures, while still providing outstanding performance at sub-zero temperatures.

### 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.  |
| Outstanding film-strength and anti-wear properties. | Helps reduce significant wear and improve long transmission life.   |
| Exceptional thermal and oxidation stability.        | Keeps transmissions clean to extend life and performance even under some of the harshest driving conditions.                                    |
| Excellent low-temperature fluidity.                 | *Provides prompt and reliable lubrication at sub-zero ambient temperatures down to -54° C.<br><br>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 Imperial Oil 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

|  |
|--|
| <b>This product has the following approvals:</b> |
| Allison TES 668                                  |

**Properties and Specifications**

| Property   |       |
|--|-------|
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983            | 11000 |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 6.85  |
| Flash Point, °C, ASTM D92                                  | 233   |
| Viscosity Index, ASTM D2270                                | 154   |
| Pour Point, °C, ASTM D97                                   | -54   |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 36.5  |
| Density @ 15 C, kg/m <sup>3</sup> , ASTM D4052             | 836.2 |
| ASTM Color, ASTM D1500                                     | Red   |

**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>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

04-2023

**Imperial Oil**

Petroleum and Chemicals Division

Lubricants and Specialties

240 Fourth Ave SW

C. P. 2480, Station M

Calgary AB T2P 3 M 9

1-800-268-3183

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 Imperial Oil contact or visit [www.imperialoil.ca](http://www.imperialoil.ca)

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Imperial Oil, 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.

**ExxonMobil**

Exxon Mobil 

© Copyright 2003-2026 Exxon Mobil Corporation. All Rights Reserved