



Mobil Delvac 1™ Transmission Fluid 75W-80

Mobil Commercial Vehicle Lube , Greece

Manual Automotive Transmission Fluid

Product Description

Mobil Delvac 1™ Transmission Fluid 75W-80 is an extra high performance manual transmission lubricant engineered for the latest, European heavy duty r transmissions used in light to severe duty on-highway commercial vehicles. This transmission lubricant is a synthetic blend of base oils and an advanced additive s with excellent shifting performance, low temperature fluidity and high temperature viscosity retention. Mobil Delvac 1 Transmission Fluid 75W-80 is formulate extended performance reserve for applications requiring API GL-4 service and more specifically modern transmissions requiring ZF TE-ML 02L and/or MAN 341 ` approvals which now supersedes ZF TE-ML 02D and MAN 341 Typ Z3.

Features and Benefits

Today's technology has vastly improved the performance capabilities of on highway vehicle load, speed and control through innovative drivetrain designs. These d have increased the requirements of lubricants to deliver a higher level of performance. For heavy duty manual transmissions, friction control, wear reduction, tl stability, shear stability, rust and corrosion inhibition, and seal protection are features that must be optimally balanced to provide extended gear and synchroniz smooth shift control, and high load capability over a wide range of applications. Mobil Delvac 1 Transmission Fluid 75W-80 delivers exceptional performance in cur well as older model manual transmissions. The key benefits include:

| Features | Advantages and Potential Benefits |
|---|---|
| Excellent load carrying, anti-wear, and extreme pressure performance | Helps to protect against wear under harsh operating conditions throughout the transmissi |
| Excellent protection against deposit and lacquer formation | Contributes to long seal life, and to extended drain and service intervals |
| Excellent protection from corrosion of copper and its alloys | Helps to protect and to extend the life of synchronisers while delivering smoother sh performance |
| Effective thermal and oxidation protection at high operating temperatures | Contributes to extended drain and service intervals for controlled maintenance costs |
| Excellent shear stability | Helps to maintain effective viscosity and film strength for wear protection during s operation |
| Outstanding low-temperature fluidity | Contributes to easy and smooth shifting, and quick starts |
| Extended service capability | Helps to control operating costs and contribute to productivity |

Applications

Recommended by ExxonMobil for use in:

- On-highway light and heavy duty trucks, busses, and vans
- Heavy duty manual transmissions and gear cases where API GL-4 service level is desired and where ZF TE-ML 02L and/or MAN 341 Typ Z4 approvals are requi
- Where extended service and warranties are required

Specifications and Approvals

| |
|---|
| This product has the following approvals: |
| MAN 341 Typ Z4 |

| | |
|---|--|
| This product has the following approvals: | |
| ZF TE-ML 01L | |
| ZF TE-ML 02L | |
| ZF TE-ML 16K | |

| | |
|--|--|
| This product is recommended for use in applications requiring: | |
| API GL-4 | |
| MAN 341 Typ E3 | |
| ZF TE-ML 08 | |

Properties and Specifications

| Property | |
|---|------------|
| Grade | SAE 75W-80 |
| Density @ 15 C, g/cm3, ASTM D4052 | 0.86 |
| Viscosity Index, ASTM D2270 | 151 |
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983 | 80000 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 9.6 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 57 |
| Pour Point, °C, ASTM D97 | -39 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 230 |

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.as>

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

04-2024

ExxonMobil Lubricants & Specialties

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 entity.

