Mobil Delvac™ 1 Transmission Fluid V30

Mobil Commercial Vehicle Lube , Bosnia

Supreme Performance Transmission Lubricant

Product Description

Mobil Delvac™ 1 Transmission Fluid V30 is a fully synthetic, heavy duty manual transmission lubricant engineered to meet demanding requirements. Recommended for year-round lubrication of manual transmissions in light to severe duty on- and off-highway equipment operating in a wide range of environments. Designed to provide excellent performance, Mobil Delvac 1 Transmission Fluid V30 incorporates the latest lubrication technology based on synthetic basestocks and an advanced additive system providing significant advantages over conventional transmission oils. This advanced additive system provides outstanding detergency and dispersancy with optimised protection against thermal degradation, oxidation, wear, and corrosion. Because of its high viscosity index and synthetic base oil mixture, it provides stronger film strength at higher temperatures than conventional oils. This technology also ensures effective lubrication at extremely low temperatures without oil channeling. Mobil Delvac 1 Transmission Fluid V30 is recommended for manual transmissions and non-hypoid gear-box applications.

Features and Benefits

Today's technology has vastly improved the performance capabilities of heavy duty trucks in terms of load, speed, control, and reliability through innovative drive train designs. These designs have markedly changed and raised the requirements of drive train fluids to deliver higher levels of performance, while extending drain intervals. For heavy duty transmissions; friction control, wear protection, thermal stability, shear stability, rust, and corrosion protection, as well as seal protection are features that must be optimally balanced, to provide extended transmission and synchroniser life, smooth shift control, improved transmission efficiency, and higher load capability over a wide range of applications and operating environments. Compared to conventional mineral transmission oils, the key benefits of Mobil Delvac 1 Transmission Fluid V30 include:

Features	Advantages and Potential Benefits
Excellent load carrying, anti-wear, and extreme pressure (EP) performance	Helps to protect against wear under harsh operating conditions throughout the transmission life
Outstanding protection against deposit formation	Contributes to long seal life, extended drain, and service intervals
High protection from corrosion of copper and its alloys	Helps to protect and extend the life of synchronisers while delivering smoother shifting performance
Optimised thermal and oxidation protection	Contributes to extended drain and service intervals for controlled maintenance costs
Exceptional shear stability	Helps to maintain effective viscosity and film strength for better wear protection during severe operation
Outstanding low temperature fluidity	Contributes to quicker starts, easy shifting and helps to reduce wear during cold temperature start-ups
Extended drain and service interval capability	Helps to reduce operating costs and contributes to improved productivity
Optimised and stable friction properties	Contributes to smooth and rapid gear shifting

Applications

Recommended by ExxonMobil for use in:

- Heavy duty manual transmissions, specifically those requiring Volvo 97307 or Volvo 97318 type oils (refer to owner's manual recommendation)
- On-highway commercial light and heavy duty trucking, busses
- Applications in regions where severe winter temperatures are encountered

- Applications where extended service intervals and warranties are required
- Association with Mobil Delvac Synthetic Gear Oils in rear axles for maximum drivetrain efficiency and fuel economy improvement
- NOT suitable for hypoid gear applications in differentials and final drives, either for topping-off or refills, where API service GL-5 or MIL-PRF-2105E lubricants are specified in the owner manual.
- MAN 341 Typ E4

Specifications and Approvals

This product has the following builder approvals:
VOLVO 97307
VOLVO 97318

Properties and Specifications

Property	
Grade	SAE 75W-80
Density @ 15.6 C, g/ml, ASTM D4052	0.85
Flash Point, °C, ASTM D92	242
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	9.2
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	54
Pour Point, °C, ASTM D97	-51
Viscosity Index, ASTM D2270	152

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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