



# Mobil Delvac XHP Transmission Oil 75W-80

## Manual Automotive Transmission Fluid

### Product Description

Mobil Delvac XHP Transmission Oil 75W-80 is an extra high performance manual transmission lubricant engineered for the latest, European heavy duty manual 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 system with excellent shifting performance, low temperature fluidity and high temperature viscosity retention. Mobil Delvac XHP Transmission Oil 75W-80 is formulated with extended performance reserve for applications requiring API GL-4 service and more specifically modern transmissions requiring ZF TE-ML 02L and/or MAN 341 Typ Z4 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 designs have increased the requirements of lubricants to deliver a higher level of performance. For heavy duty manual transmissions, friction control, wear reduction, thermal stability, shear stability, rust and corrosion inhibition, and seal protection are features that must be optimally balanced to provide extended gear and synchronizer life, smooth shift control, and high load capability over a wide range of applications. Mobil Delvac XHP Transmission Oil 75W-80 delivers exceptional performance in current as 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 transmission life
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 shifting 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 severe 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 required.
- Where extended service and warranties are required

### Specifications and Approvals

**Mobil Delvac XHP Transmission Oil 75W-80 has the following builder approvals:**

ZF TE-ML 01L	X
ZF TE-ML 02L	X
ZF TE-ML 16K	X
MAN 341 Typ E3	X
MAN 341 Typ Z4	X

**Mobil Delvac XHP Transmission Oil 75W-80 is recommended by ExxonMobil for use in applications requiring:**

API GL-4	X
ZF TE-ML 08	X

## Typical Properties

**Mobil Delvac XHP Transmission Oil 75W-80**

SAE Grade	75W-80
Viscosity, ASTM D 445	
cSt @ 40°C	55.7
cSt @ 100°C	9.5
Viscosity Index, ASTM D 2270	155
Pour Point, °C, ASTM D 97	-42
Flash Point, °C, ASTM D 92	234
Density @ 15°C kg/l, ASTM D 4052	0.858

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Mobil, Delvac, the Mobil logotype, and the Pegasus design are trademarks of Exxon Mobil Corporation, or one of its subsidiaries.

2-2015

Esso Petroleum Company limited  
ExxonMobil House, Ermyrn Way, Leatherhead, Surrey KT22 8UX

44 (0)1372 222000

<http://www.exxonmobil.com>

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](http://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 entities.

Copyright © 2001-2015 Exxon Mobil Corporation. All rights reserved.