# Mobil Delvac Ultra™ Total Driveline 75W-90

Mobil Commercial Vehicle Lube , Germany

Heavy Duty Drivetrain Lubricant

**Product Description**

Mobil Delvac Ultra™ Total Driveline 75W-90 is a fully synthetic drivetrain lubricant engineered to meet very demanding extended drain and warranty requirements. This product is designed for use in heavy-duty drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected. Mobil Delvac Ultra Total Driveline 75W-90 incorporates synthetic basestock and advanced additives providing significant advantages over conventional gear oils.

**Features and Benefits**

Today's technology has vastly improved the performance capabilities of heavy-duty on and off-highway equipment load, torque, speed, and control through innovative drivetrain designs. These designs have changed and increased the requirements of lubricants to deliver this higher level of performance, increase productivity, and reduce operating costs. For heavy-duty final drives, friction control, wear protection, thermal stability, shear stability, rust and corrosion prevention, and seal protection are features that must be optimally balanced to contribute to extended gear and seal life, smooth operation, improved fuel economy potential and high load high torque capability over a wide range of applications.

The key benefits of Mobil Delvac Ultra Total Driveline 75W-90 include:

| Features | Advantages and Potential Benefits |
|---|---|
| Exceptional thermal stability and resistance to high temperature oxidation | Long gear and bearing life due to minimal deposits |
| | Long seal life |
| Outstanding protection against low speed/high torque wear and high speed scoring | Increased load-carrying capability |
| | Helps to reduce maintenance costs and long equipment life |
| Exceptional shear stability | Helps to retain viscosity and film strength under severe operating conditions to prevent wear |
| Enhanced friction reduction properties | Has potential for fuel economy and reduce operating costs |
| Outstanding low temperature fluidity versus conventional oils | Helps to Reduce wear and ease of start-up |
| Good resistance to foaming | Helps to maintain film strength for reliable lubrication |
| Wide multipurpose capability | One lubricant for heavy-duty manual transmissions and rear axles |

**Applications**

- Transmissions and axles and other applications where lubricants meeting API GL-4, GL-5 or MT-1 where mild extreme pressure gear lubricants are recommended
- On-highway light and heavy duty trucks, busses and vans
- Off-highway industries including: construction, mining, quarrying and agriculture
- Other heavy-duty industrial gear drives including hypoid and worm gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail

- Intended for initial fill, topping-off or refilling differentials, final drives and transfer cases
- Recommended for equipment such as winch reduction gears and crawler vehicle propulsion gear drives that are exposed to severe low temperatures
- Recommended where extended service intervals and warranties are required
- Not intended for automatic, manual or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended

**Specifications and Approvals**

| **This product has the following approvals:** |
|---|
| Mack GO-J |
| MAN 341 Typ Z2 |
| MAN 342 Typ M3 |
| SAE J2360 |
| ZF TE-ML 02B |
| ZF TE-ML 05A |
| ZF TE-ML 12L |
| ZF TE-ML 12N |
| ZF TE-ML 16B |
| ZF TE-ML 17B |
| ZF TE-ML 19C |
| ZF TE-ML 21A |

| **This product meets or exceeds the requirements of:** |
|---|
| API GL-4 |
| API GL-5 |
| Meritor O76-E |
| Scania STO 1:0 |
| Scania STO 1:1 G |
| Meritor O-94 |

**Properties and Specifications**

| **Property** | |
|---|---|
| Grade | SAE 75W-90 |
| Viscosity Index, ASTM D2270 | 153 |

| Property | |
|---|---|
| Pour Point, °C, ASTM D97 | -48 |
| Kinematic Viscosity @ 100 C, $mm^2/s$, ASTM D445 | 16.6 |
| Kinematic Viscosity @ 40 C, $mm^2/s$, ASTM D445 | 117 |
| Density @ 15 C, g/ml, ASTM D1298 | 0.88 |
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983 | 135000 |

**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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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: https://www.mobil.com.de/de-de/kontakt

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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