



Mobilube™ XHP 75W-90

Mobil Commercial Vehicle Lube , Vietnam

Manual Automotive Transmission Fluid

Product Description

Mobilube XHP 75W-90 is an extra high performance manual transmission lubricant engineered for the latest heavy duty manual transmissions used in on highway commercial vehicles and cars. This transmission lubricant is designed using select base oils and an advanced additive package that enhances shifting performance, low temperature fluidity, and high temperature viscosity retention. Mobilube XHP 75W-90 is formulated with extended performance reserve for applications requiring API GL-4 service.

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 synchroniser life, smooth shift control, fuel economy, and high load capability over a wide range of applications. Mobilube XHP 75W-90 delivers excellent 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      | Extended transmission life and reduced operating costs                                        |
| Excellent protection against deposit and lacquer formation                | Longer seal life with extended drain and service intervals                                    |
| Maximum protection from corrosion of copper and its alloys                | Protects and extends the life of synchronisers while delivering smoother shifting performance |
| Effective thermal and oxidation protection at high operating temperatures | Reduces wear and maintenance costs                                                            |
| Excellent shear stability                                                 | Maintains effective viscosity and film strength during severe operation                       |
| Very good low-temperature fluidity                                        | Easier, smoother shifting, and quicker starts                                                 |
| Extended service capability                                               | Lower operating costs and higher productivity                                                 |

Applications

Recommended by ExxonMobil for use in:

- Heavy duty manual transmissions and gear cases where API GL-3/4 level performance is required.
- Passenger cars, on highway light and heavy duty trucks, busses, and vans.
- Where extended service and warranties are required.

Specifications and Approvals

|                                                                              |
|------------------------------------------------------------------------------|
| This product is recommended by ExxonMobil for use in applications requiring: |
| API GL-4                                                                     |

Properties and Specifications

| Property                                        |            |
|-------------------------------------------------|------------|
| Grade                                           | SAE 75W-90 |
| Viscosity Index, ASTM D2270                     | 158        |
| Pour Point, °C, ASTM D97                        | -42        |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445    | 99         |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445   | 15         |
| Flash Point, °C, ASTM D92                       | 180        |
| Density @ 15 C, g/ml, ASTM D4052                | 0.86       |
| Shear Stability (KRL 20h), mm2/s, CEC L-45-A-99 | 13.5       |

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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