



## Mobilfluid™ LT

Mobil Commercial Vehicle Lube , Belgium

Extra High Performance Multipurpose Tractor Fluid

### Product Description

Mobilfluid LT is an extra high performance multipurpose tractor lubricant engineered to meet or exceed tractor transmission, drivetrain, and hydraulic fluid requirements. This product is designed to optimize the performance of agricultural and industrial tractors operating in a wide range of environments and especially in low ambient temperature applications. This next generation product combines select base oils and an advanced additive package to deliver a variety of lubricant performance properties required by various applications.

### Features and Benefits

Next generation technology has vastly improved the performance capabilities of heavy-duty equipment in terms of load, speed, control, and reliability through innovative drivetrain designs. These designs have changed and increased the requirements of drivetrain fluids to deliver higher levels of performance and productivity while reducing operating costs. Friction control, wear protection, thermal stability, shear stability, rust and corrosion protection, and pumpability are features that must be optimally balanced to provide extended clutch life, maximum drawbar loading, and maintain operations on uneven terrain over a wide range of ambient temperatures. Mobilfluid LT delivers exceptional performance in today's drivetrain transmissions, drive axles, clutches, Power Take-Offs (PTO) and hydraulic systems and especially in low ambient temperature conditions. The key benefits include:

| Features   | Advantages and Potential Benefits  |
|--|--|
| Enhanced frictional properties   | Optimized clutch and PTO performance and control<br>Improved clutch life and noise reduction |
| Compatible with latest clutch materials and elastomers                 | Longer clutch life, reduced leakage, and reliable response                                   |
| High viscosity index with improved shear stability                     | Improved viscosity retention and longer equipment life                                       |
| Excellent protection against rust, corrosion, and yellow metal etching | Protects equipment in wet or humid environments and prevents premature wear                  |
| Outstanding low temperature properties                                 | Responsive operation and reduced wear in cold weather applications                           |
| Strong anti-wear and extreme pressure properties                       | Reduces wear, extends equipment life, and reduces maintenance costs                          |
| High thermal and oxidation stability                                   | Reduces deposits, extends seal life, and increases service life of equipment and lubricant   |
| Multipurpose capability  | Simplifies inventory and reduces misapplication problems                                     |
| Good filterability   | Keeps systems clean and operating smoothly   |

### Applications

Recommended by ExxonMobil for use in:

- Heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs, and hydrostatic drives used in agricultural, contractor, and industrial applications
- Recommended for top-up and refill of systems
- Suitable for transmission applications requiring Type A (Suffix A), Dexron, and Type F fluids

- Recommended for hydraulic and transmission systems where an SAE 10W-20 engine oil is specified
- Do not use in passenger car automatic transmissions

### Specifications and Approvals

|   |
|---|
| <b>This product is recommended by ExxonMobil for use in applications requiring:</b> |
| Caterpillar TO-2  |
| JOHN DEERE JDM J20D   |
| VICKERS 35VQ25  |

### Properties and Specifications

| Property   |       |
|--|-------|
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983            | 20000 |
| Density @ 15.6 C, kg/l, ASTM D4052                         | 0.875 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 198   |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 7.2   |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 34    |
| Pour Point, °C, ASTM D97                                   | -45   |
| Viscosity Index, ASTM D2270                                | 180   |

### 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](http://www.exxonmobil.com)

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