



Mobilfluid™ LT

Mobil Commercial Vehicle Lube , United States

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 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

This product is recommended by ExxonMobil for use in applications requiring:
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 ² /s, ASTM D445	7.2
Kinematic Viscosity @ 40 C, mm ² /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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Exxon Mobil Corporation

22777 Springwoods Village Parkway
Spring TX 77389

1-800-ASK MOBIL (275-6624)

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