



Mobilfluid™ 426

Mobil Commercial Vehicle Lube , Republic of Madagascar

Extra High Performance Multipurpose Tractor Fluid

Product Description

Mobilfluid 426 is an extra high performance multipurpose tractor lubricant engineered to meet or exceed transmission and hydraulic fluid requirements. The advanced technology in Mobilfluid 426 is designed to optimise the performance of agricultural and commercial tractors operating in a wide range of environments and conditions. This next generation product combines select base oils and an advanced additive package to deliver the varied lubricant performance properties required by the drive trains of agricultural and construction equipment proven in severe duty applications. It is particularly well suited for reducing wet brake and Power Take-Off (PTO) chatter.

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 powertrain designs. These designs have changed and increased the requirements of powertrain 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 426 delivers exceptional performance in today's power train transmissions, drive axles, clutches, PTOs and hydraulic systems. The key benefits include:

Features	Advantages and Potential Benefits
Excellent frictional properties	Optimal clutch and PTO performance Excellent wet brake and PTO chatter control
Compatible with clutch materials and elastomers	Long clutch life and reduced leakage
High viscosity index and improved shear stability	Consistent operating response
Excellent protection against rust, corrosion, and yellow metal etching	Protects equipment in wet or humid environments and prevents premature wear
Excellent low temperature properties	Responsive operation and effective lubrication in cold weather applications
Strong anti-wear and extreme pressure properties	Reduces wear, extends equipment life, and reduces maintenance costs
Good 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
- Recommended in off-highway industries including: agriculture, construction, and quarrying
- Recommended for top-up and refill of systems
- Do not use in passenger car automatic transmissions

- Recommended by ExxonMobil for use in applications requiring API GL-4 grade lubricants in all gear applications except hypoid gear designs
- Potential replacement for engine oils recommended for hydraulic and transmission systems

Specifications and Approvals

This product has the following builder approvals:
VOLVO WB-101

This product is recommended by ExxonMobil for use in applications requiring:
AGCO Powerfluid 821 XL
Allison C-4
API GL-4
Caterpillar TO-2
CNH MAT 3505
CNH MAT 3525
Denison UTTO/THF
FORDNH FNHA-2-C-201.00
FORD ESN-M2C134-D
JICASE MS 1204
JOHN DEERE JDM J20D
MASSEY FERGUSON CMS M1145
MASSEY FERGUSON CMS M1143
MASSEY FERGUSON CMS M1141
MASSEY FERGUSON CMS M1135
New Holland WB NWH 410B

This product meets or exceeds the requirements of:
KUBOTA UDT
ASTM D6973 (Eaton 35VQ) high pressure vane pump test

Properties and Specifications

Property	
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Property	
Brookfield Viscosity @ -20 C, mPa.s, ASTM D2983	3800
Density @ 15 C, g/cm3, ASTM D4052	0.889
Flash Point, Cleveland Open Cup, °C, ASTM D92	228
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	9.7
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	59
Pour Point, °C, ASTM D97	-36
Viscosity Index, ASTM D2270	149

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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