# Mobilfluid™ 424

Mobil Commercial Vehicle Lube , Senegal

Extra High Performance Multipurpose Tractor Lubricant

**Product Description**

Mobilfluid 424 is an extra high performance multipurpose tractor lubricant engineered to meet or exceed transmission and hydraulic fluid requirements. The advanced technology in Mobilfluid 424 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 power train designs. These designs have markedly changed and increased the requirements of power train 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 424 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 |
|---|---|
| Enhanced frictional properties | Optimised clutch and PTO performance<br>Improved wet brake and PTO chatter control |
| Compatible with latest clutch materials and elastomers | Longer clutch life and reduced leakage |
| High viscosity index and 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 |
| Excellent 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
- Off-highway industries including: agriculture, construction, and quarrying
- Top-up and refill of systems
- Commercial transmission applications requiring Type A (Suffix A), Dexron and Type F fluids. Do not use in passenger car automatic transmissions
- All gear applications except hypoid gear designs

- Outstanding replacement for engine oils recommended for hydraulic and transmission systems

**Specifications and Approvals**

| This product has the following approvals: |
|---|
| VOLVO WB-101 |
| ZF TE-ML 03E |
| ZF TE-ML 05F |
| ZF TE-ML 17E |

| This product is recommended for use in applications requiring: |
|---|
| Allison C-4 |
| API GL-4 |
| CNH MAT 3525 |
| CNH MAT 3505 |
| DENISON UTTO/THF |
| FORD ESN-M2C134-D |
| FORDNH FNHA-2-C-201.00 |
| JICASE MS 1204 |
| JICASE MS 1205 |
| JICASE MS 1206 |
| JICASE MS 1207 |
| JICASE MS 1209 |
| MASSEY FERGUSON CMS M1135 |
| MASSEY FERGUSON CMS M1141 |
| AGCO Powerfluid 821 XL |
| New Holland WB NWH 410B |

| This product meets or exceeds the requirements of: |
|---|
| ASTM D6973 (Eaton 35VQ) vane pump test |
| KUBOTA UDT |
| CATERPILLAR Multipurpose Tractor Oil (MTO) |

| This product meets or exceeds the requirements of: |
|---|
| JOHN DEERE JDM J20C |

**Properties and Specifications**

| Property | |
|---|---|
| Brookfield Viscosity @ -20 C, mPa.s, ASTM D2983 | 4000 |
| Density @ 15.6 C, kg/l, ASTM D4052 | 0.883 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 198 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 9.3 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 55 |
| Pour Point, °C, ASTM D97 | -36 |
| Viscosity Index, ASTM D2270 | 137 |

**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
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