



Mobilfluid 424

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. Mobilfluid 424 combines select base oils and an advanced additive package to deliver the varied lubricant performance properties required in severe duty applications of agricultural and construction equipment drive trains. 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 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
- Applications requiring API GL-4 or SAE 80W grade lubricants in all gear applications except hypoid gear designs

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

Specifications and Approvals

Mobilfluid 424 meets or exceeds the requirements of the following industry and builder specifications:

| | |
|------------|---|
| Kubota UDT | X |
|------------|---|

Mobilfluid 424 has the following builder approvals:

| | |
|----------------------|---|
| ZF TE-ML 03E/05F/17E | X |
| Volvo WB-101 | X |

Mobilfluid 424 is recommended by ExxonMobil for use in applications requiring:

| | |
|---|---|
| Allison C-4 (Agriculture Applications Only) | X |
| API GL-4 | X |
| Vickers 35VQ25 | X |
| Caterpillar TO-2 | X |
| CNH MAT 3505, 3525 | X |
| Denison HF-0, HF-1, HF-2 (T5D & P46 pumps only) | X |
| Ford New Holland ESN-M2C-134-D | X |
| Ford New Holland FNHA-2C-201.00 | X |
| Jl Case MS 1204-07/09 | X |
| Massey Ferguson M-1135 M-1141 | X |
| Powerfluid 821 XL | X |
| John Deere J20C | X |

Typical Properties

Mobilfluid 424

| | |
|------------------------------------|------|
| Viscosity, ASTM D 445 | |
| cSt @ 40°C | 55 |
| cSt @ 100°C | 9.3 |
| Brookfield Viscosity, cP (@ -20°C) | 4300 |
| Viscosity Index, ASTM D 2270 | 145 |
| Pour Point, °C, ASTM D 97 | -42 |
| Flash Point, °C, ASTM D 92 | 198 |
| Density @ 15°C, kg/l, ASTM D 4052 | 0.88 |

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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