

Mobilfluid 424

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 optimize 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 & 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 | Optimized 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

- 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
- Suitable for commercial transmission applications requiring Type A (Suffix A), Dexron and Type F fluids. Do not use in passenger car automatic transmissions
- May be used in 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 & Approvals

**Mobilfluid 424 meets or exceeds
the following industry
specifications:**

API GL-4

AGCO Powerfluid 821 XL

Ford New Holland FNHA-2-C-
201.00

Kubota UDT

John Deere J20C

Vickers 35VQ25

Volvo WB-101/BM

**Mobilfluid 424 has the following
builder approval:**

ZF TE ML-03E

**Mobilfluid 424 is recommended
for use in applications requiring:**

Allison C-4 (Agriculture Only)

Caterpillar TO-2

Denison HF-0, HF-1, HF-2 (Pumps
Only)

J. I. Case MS

1204/1205/1206/1207/1209

Massey Ferguson MF 1135, 1141

Typical Properties

| Mobilfluid 424 | |
|------------------------------------|--------|
| Viscosity, ASTM D 445 | |
| cSt @ 40°C | 55 |
| cSt @ 100°C | 9.3 |
| Brookfield Viscosity, cP (@ -35 C) | 55,000 |
| 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 | 0.884 |

Health & 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. MSDS's 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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