



Mobilfluid 424

Mobil Commercial Vehicle Lube, United States

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
ASTM D6973 (Eaton 35VQ)	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

Caterpillar TO-2	X
CNH MAT 3505, 3525	X
Denison UTTO/THF	X
Ford New Holland ESN-M2C-134-D	X
Ford New Holland FNHA-2C-201.00	X
JI 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

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