



Mobilfluid™ 424

Mobil Commercial Vehicle Lube , Egypt

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 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. 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

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

CATERPILLAR TO-2

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

This product meets or exceeds the requirements of:

ASTM D6973 (Eaton 35VQ) vane pump test

KUBOTA UDT

This product meets or exceeds the requirements of:

CATERPILLAR Multipurpose Tractor Oil (MTO)

JOHN DEERE JDM J20C

Properties and Specifications

Property	
Appearance, AMS 1738	Clear & Bright
Brookfield Viscosity @ -20 C, mPa.s, ASTM D2983	4300
Cold-Cranking Simulator, Apparent Viscosity @ -15 C, mPa.s, ASTM D5293	3200
Density @ 15.6 C, kg/l, ASTM D4052	0.8838
Flash Point, Cleveland Open Cup, °C, ASTM D92	198
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	9.3
Pour Point, °C, ASTM D97	-42
Viscosity Index, ASTM D2270	137
Zinc, mass%, ASTM D4951	0.13(min) - 0.20(max)
Foam, Sequence I, Stability, ml, ASTM D892	0
Foam, Sequence I, Tendency, ml, ASTM D892	0
Foam, Sequence II, Stability, ml, ASTM D892	0
Foam, Sequence II, Tendency, ml, ASTM D892	0
Foam, Sequence III, Stability, ml, ASTM D892	0
Foam, Sequence III, Tendency, ml, ASTM D892	0

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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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.global.mobil.com/en/contact-us>

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<http://www.exxonmobil.com>

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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