



Mobilfluid 428

Mobil Commercial Vehicle Lube , Portugal

Modern extra high performance multipurpose tractor oil (UTTO)

Product Description

Mobilfluid 428 is a modern extra high performance multipurpose tractor lubricant engineered to meet or exceed the requirements of most equipment build hydraulic and transmission compartments. It is designed to optimize the performance of agricultural and commercial tractors operating in a wide range of enviro and conditions. Mobilfluid 428 is recommended to be used in off-highway industries including: agriculture, construction, and quarrying. Its friction characteristics reduce wet brake and Power Take-Off (PTO) chatter. This next generation product is formulated from high quality base oils and advanced additive technology to excellent thermal stability combined with high shear stability for an SAE 10W-30 viscosity grade. Based on the excellent shear stability and air handling, Mobilfluid suitable for use in conventional CVTs (hydraulic pump plus planetary gear componentry).

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 inn powertrain designs. These designs have changed and increased the requirements of powertrain fluids to deliver higher levels of performance and productivity reducing operating costs. Friction control, wear protection, thermal stability, shear stability, rust and corrosion protection, and pumpability are features that m optimally balanced to provide extended clutch life, maximum drawbar loading, and maintain operations on uneven terrain over a wide range of ambient temper. Mobilfluid 428 delivers exceptional performance in today's powertrain transmissions, drive axles, clutches, PTOs and hydraulic systems. The key benefits include:

| Features | Advantages and Potential Benefits |
|--|---|
| Excellent frictional properties | Optimal clutch and PTO performance |
| Improved wet brake and PTO chatter control | |
| Compatible with clutch materials and elastomers | Long clutch life and reduced leakage |
| High viscosity index and improved 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 |
| Enhanced 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 lubrican |
| Multipurpose capability | Simplifies inventory and reduces misapplication problems |
| Good filterability | Keeps systems clean and operating smoothly |

Specifications and Approvals

| This product has the following approvals: |
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| ZF TE-ML 03E |
| ZF TE-ML 05F |
| ZF TE-ML 06K |
| ZF TE-ML 17E |
| ZF TE-ML 21F |

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| This product has the following approvals: |
| VOLVO WB-101 |
| GIMA MASSEY FERGUSON CMS M1145 |

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| This product is recommended for use in applications requiring: |
| AGCO Powerfluid 821 XL |
| Allison C-4 |
| API GL-4 |
| CNH MAT 3505 |
| CNH MAT 3525 |
| CNH MAT 3540 |
| FORDNH FNHA-2-C-201.00 |
| Ford ESEN-M2C86-B |
| FORD ESN-M2C134-D |
| JICASE MS 1204 |
| JICASE MS 1205 |
| JICASE MS 1206 |
| JICASE MS 1207 |
| JICASE MS 1209 |
| MASSEY FERGUSON CMS M1143 |
| MASSEY FERGUSON CMS M1141 |
| MASSEY FERGUSON CMS M1135 |
| NEW HOLLAND WB NWH 410B |
| Denison UTTO/THF |
| VALTRA G2-08 |
| CLAAS RENAULT AGRICULTURE (M1145) |
| JCB GEAR OIL HP |
| KUBOTA UDT |
| Caterpillar TO-2 |

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| This product meets or exceeds the requirements of: |
| ASTM D6973 (Eaton 35VQ) vane pump test |

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

Properties and Specifications

| Property | |
|--|------------|
| Grade | SAE 10W-30 |
| Density @ 15 C, g/ml, ASTM D4052 | 0.866 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 59 |
| Viscosity Index, ASTM D2270 | 141 |
| Flash Point, °C, ASTM D92 | 243 |
| Pour Point, °C, ASTM D97 | -48 |

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.as>
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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 pro performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without nc All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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