Mobilfluid™ 125

Mobil Industrial , Finland

Extra High Performance Power Transmission Fluid

Product Description

Mobilfluid 125 is an extra high performance power transmission fluid that is formulated for use in hydrodynamic gears and hydraulic systems typically found in railroad, marine, construction, and industrial applications. It is formulated using high performance basestocks and advanced additives to deliver the precise performance required to transfer power responsively. Mobilfluid 125 is engineered to withstand the stresses of heavy-duty, low and high speed applications in a wide range of severe operating environments.

Features and Benefits

The use of hydrodynamic gear systems and hydraulic control systems depends on high performance fluids to achieve consistent and responsive control and efficiency of the equipment. These systems operate under high pressures and temperatures that can cause deposits in control valves where precise control of torque converters and hydraulics takes place. The key benefits of Mobilfluid 125 include:

Features	Advantages and Potential Benefits
Good wear protection	Extended component life, increased productivity, and lower maintenance costs
Effective resistance to thermal degradation and oxidation	Significant reduction in harmful lacquers, deposits, and sludge Maintains power transfer and good control response Extends oil service life
Good low temperature properties	Easy start-up and responsive hydraulic control
Effective rust and corrosion protection including long stoppages in wet or humid ambient conditions	Reduces wear with reliable equipment start-up and lower maintenance costs
Excellent air release properties eliminate foaming problems	Delivers optimal hydraulic response and power transfer Maintains fluid film for improved lubrication
Compatible with seals and gasket materials used in these systems	Reduced fluid leakage, pressure losses, and contamination

Applications

Recommended by ExxonMobil for use in:

- Fluid couplings and drives, torque converters, and hydraulic control systems used in railroad, marine, construction, and industrial applications

Specifications and Approvals

This product has the following approvals:
Voith Turbo 120.00059010

Properties and Specifications

Property	
Grade	ISO 32
Density @ 15 C, g/cm3, ASTM D4052	0.878
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	5.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	30
Pour Point, °C, ASTM D97	-30
Viscosity Index, ASTM D2270	104

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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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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