Mobil

Mobilfluid™ 125

Mobil Industrial , Greece

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 ra marine, construction, and industrial applications. It is formulated using high performance basestocks and advanced additives to deliver the precise performance re 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 ope 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 efficie the equipment. These systems operate under high pressures and temperatures that can cause deposits in control valves where precise control of torque converte hydraulics takes place. The key benefits of Mobilfluid 125 include:

Features	Advantages and Potential Benefits
Good wear protection	Extended component life, increased productivity, and l 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 mainter 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	

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.as

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

04-2021
ExxonMobil Lubricants & Specialties

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product perfor
are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All pro
may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is inten
override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entit