

Mobilfluid 125

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 & 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

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



Specifications & Approvals

Mobilfluid 125 is recommended for use in applications requiring:

UTTO Voith Turbo Transmissions 3.285-149

Typical Properties

Mobilfluid 125	
ISO Viscosity Grade	32
Viscosity, ASTM D 445	
cSt @ 40°C	30
cSt @ 100°C	5.3
Viscosity Index, ASTM D 2270	104
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	225
Density @ 15°C kg/l, ASTM D 4052	0.878

Health & 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. MSDS's 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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