



Mobil Delvac™ 1 Final Drive and Axle Oil

Mobil Commercial Vehicle Lube , Canada

Product Description

Mobil Delvac™ Synthetic Final Drive and Axle Oil is an extra high performance drivetrain lubricant that meets the requirements of the Caterpillar FD-1 standard. It is specifically engineered to provide optimum component life when used as recommended in off-highway truck and bulldozer final drives, axles, bevel gears, and differentials, especially those operating under high loads and extreme temperatures. It is formulated from advanced synthetic base oils and the latest additive technology to enable extended oil drain intervals and prolong the life of bearings and gears. The synthetic base oil composition enables excellent performance in some of the harshest operating conditions and over a wide temperature range, in high temperatures as well as temperatures down to -35c.

Features and Benefits

Today’s technology has vastly improved the performance capabilities of heavy-duty off-highway equipment innovative drivetrain designs. Additionally, increasing demands for higher productivity and more severe operating conditions put severe stress on axles and final drive components. For optimum durability and performance, Mobil Delvac Synthetic Final Drive and Axle Oil can be relied on to maintain productivity and minimize maintenance costs.

Feature	Benefit
Excellent load carrying, anti-wear, and EP performance	Helps extend component life and reduce cost of operation
Optimized thermal and oxidation protection	Long oil life, extended drain and service intervals, and extended component life
Exceptional shear stability	Helps minimize wear during severe operation
Outstanding low-temperature fluidity	Helps reduce wear during cold temperatures
Extended drain and service interval capability	Helps provide lower operating costs and higher productivity

Applications

Mobil Delvac Synthetic Final Drive and Axle Oil is recommended for use in off-highway truck and bulldozer front wheels, differentials and final drives requiring CAT FD-1 lubricants. Note that Mobil Delvac Synthetic Final Drive and Axle Oil should not be used in compartments that contain frictional materials unless an oil meeting the FD-1 specification has been specified.

Specifications and Approvals

Mobil Delvac Synthetic Final Drive and Axle Oil meets or exceeds the requirements of:

Mobil Delvac Synthetic Final Drive and Axle Oil	
CAT FD-1	X

Typical Properties

Mobil Delvac Synthetic Final Drive and Axle Oil Properties	
Viscosity, ASTM D 445	
cSt @ 40 °C	320
cSt @ 100 °C	31.6
Viscosity Index, ASTM D 2270	138

Mobil Delvac Synthetic Final Drive and Axle Oil Properties	
Pour Point, °C, ASTM D 97	-45
Flash Point, °C, ASTM D 92	246
Density @ 15.6 °C, kg/l, ASTM D 4052	0.8573

Health and 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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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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