Mobil

Mobil Delvac Modern Final Drive Series

Mobil Commercial Vehicle Lube , Caribbean and Central America (CCA)

Extra High Performance Drivetrain Lubricants

Product Description

Mobil Delvac Modern Final Drive Series has replaced the Mobilube XFD Series. There are no formulation changes thereby ensuring no impact on product compatibility or handling. Furthermore, there are no comingle restrictions on mixing products with old and new names. Technical claims and product performance remains unchanged.

Mobil Delvac Modern Final Drive 50 and 60 are extra high performance drivetrain lubricants engineered specifically to provide optimum component life when used as recommended in Caterpillar final drives and axles. They are formulated from advanced base oils and the latest additive technology to protect bearings and gears from premature failure due to fatigue. These lubricants deliver excellent performance in heavy-duty commercial axles and final drives where extreme pressures and shock loading are expected. They provide exceptional chemical and thermal stability at elevated bulk oil temperatures generated under heavy loads and/or high ambient temperatures.

Mobil Delvac Modern Final Drive Series have been extensively field tested in Caterpillar off-highway heavy trucks and bulldozers over a wide range of ambient temperatures and operating in severe conditions with a recommended drain interval up to 4,000 hours for off-highway haulers.

Features and Benefits

Demands for higher productivity, more severe operating conditions, andl arger capacity equipment put severe stress on axles and final drive components. In severe applications, TO-4 lubricants may be limited in terms of wear protection in heavily loaded final drives due to their need to also serve the frictional requirements of clutches in heavy-duty transmissions. For optimum durability and performance, Mobil Delvac Modern Final Drive gear lubricants can be relied on to maintain productivity and minimize maintenance costs between scheduled service intervals in extreme applications. The key benefits include:

Features	Advantages and Potential Benefits
Improved extreme pressure (EP) performance versus TO-4 fluids	Increased load and shock carrying ability with reduced premature failures and operating costs
High oxidation and thermal stability	Longer oil life, reduced deposits, and extended component life
Excellent protection against copper corrosion and rust	Extended component life and lower maintenance costs
Wide temperature capability	Simplifies inventory and reduces need for seasonal change-outs
Good compatibility with seals and conventional drive train lubricants	Reduces leakage and contamination from external sources
Eliminates or reduces foaming	Maintains film strength for reliable wear protection

Applications

Recommended by ExxonMobil for use in:

- Heavy-duty axles and final drives used in trucks and bulldozers built by Caterpillar
- Off-highway industries including: construction, mining, and quarrying
- Applications where the maximum operating ambient temperature is below 32ºC (90ºF)
- Applications where the maximum operating ambient temperature is below 50ºC (122ºF)
- Not recommended for engines, transmissions or hydraulic systems

- Not recommended for final drives and axles containing friction material and/or wet brakes

Specifications and Approvals

This product meets or exceeds the requirements of:	MOBIL DELVAC MODERN FINAL DRIVE 50	MOBIL DELVAC MODERN FINAL DRIVE 60
Caterpillar FD-1	X	X

Properties and Specifications

Property	MOBIL DELVAC MODERN FINAL DRIVE 50	MOBIL DELVAC MODERN FINAL DRIVE 60
Grade	SAE 50	SAE 60
Flash Point, Cleveland Open Cup, °C, ASTM D92	250	255
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	18.4	25.2
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	206	334
Pour Point, °C, ASTM D97	-24	-15
Viscosity Index, ASTM D2270	97	

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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