

Engen Transfluid FD-1

Final Drive and Axle Fluid

Description

This premium quality fluid has been formulated specifically for the drive trains of equipment requiring lubricants having high levels of oxidation stability, the ability to reduce gear wear, improved elastomer compatibility and extended oil drain intervals. The performance of this type of lubricant has been defined by the Caterpillar Company as a result of comprehensive evaluation of wear tests, viscosity, chemical and physical properties, and placing emphasis on the protection and longevity of wheels, final drives and differentials.

Application

This fluid is recommended for use in the following applications:

- Off Highway Truck front wheels, differentials and final drives
- Track Type Tractors, Pipelayers and Track Skidders (machines with steel tracks and elevated final drives, except for CAT D5M, CAT D6M and CAT 561M)
- CAT final drives and axles that do not contain friction materials and previously specified TO-4 type lubricants

Performance Level

Caterpillar FD-1

Benefits

- Improved oxidation stability.
- Reduced gear wear.
- Better elastomer compatibility.
- Extended drain interval (Allows for double length drain intervals in off-highway truck final drives as compared to TO-4 specification oils with scheduled used oil analysis)
- Minimal foaming

Typical Physical Characteristics

Engen Transfluid FD-1 SAE 60	
SAE No.	60
Viscosity, cSt @ 40 °C	334
Viscosity, cSt @ 100 °C	25,2
Viscosity Index	97
Flash Point, °C	255
Pour Point, °C	-15
Density @ 20 °C	0,899

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

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