



TRANS FD-1 SAE 60

Premium Performance Caterpillar Final Drive Oil FD-1

Product Overview

TRANS FD-1 is a premium performance final drives and axles lubricant formulated specifically to provide optimum component life, when used as recommended in Caterpillar equipment. It is formulated to protect bearings and gears from premature failure due to fatigue. It is specially formulated for drives and differentials operating under heavy loads and/or in high ambient temperatures.

Benefits

- Extends axle life for heavily loaded axle in Caterpillar equipment relative to TO-4 lubricants by improved EP
- Compatible with seals used in Caterpillar axles
- Passive to copper and brass components
- Compatible with TO-4 quality fluids

Applications

- Caterpillar final drives and axles requiring Caterpillar FD-1 quality oil
- Caterpillar severe duty, off-high-way, heavy trucks and dozers over a wide range of ambient temperatures
- Not suitable for axles with friction materials or wet brakes

Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

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Meets or exceeds the following industry Specifications

SAE Grade	60
Caterpillar FD-1	✓

Typical properties

Test parameters	Method	
Viscosity @ 40 °C, cSt	ASTM D 445	362
Viscosity @ 100 °C, cSt	ASTM D 445	26.9
Viscosity Index	ASTM D 2270	95
Flash Point, °C	ASTM D 92	>230
Pour Point, °C	ASTM D 97	-18
Density @ 15 °C, Kg/L	ASTM D 4052	0.896

Above characteristics are mean values given as information. They do not constitute a specification.