



PENRITE



85% REDUCTION
IN LANDFILL
WASTE

Last updated: 24/04/2019 12:24 pm

FINAL DRIVE (FD01) FLUID (CAT) SAE 60

PRODUCT CODE	PACK SIZE	CARTON QTY
FD01205	205L	
FD011000LTR	1000L	



PRODUCT BENEFITS

FD-01 Fluid is a premium mineral, heavy duty, SAE 60 gear oil specifically designed for use in final drives and axles of Caterpillar off-road equipment operating in all types of service conditions where fluids meeting Cat FD-1 are recommended.

APPLICATION

FD-01 Fluid is designed for use in heavily loaded final drives in Caterpillar equipment where the Caterpillar specification FD-1 is required. It can be used on Caterpillar off road trucks and tractors with either wheel or track type drive systems.

FD-01 Fluid provides improved gear and bearing life in final drives and axles over previous TO-4 Fluid. This oil is designed to NOT develop friction coefficients for clutch & brake packs but just protect bearings & gears from failure.

FD-01 Fluid FD01 allows the full 4,000 hour drain interval to be achieved in off highway haulers, reducing costly downtime.

FD-01 Fluid FD01 can be used in a wide range of ambient temperatures and protects against rust & oxidation in all climatic conditions.

Note: FD-01 Fluid **SHOULD NOT** be used in engines, transmissions or hydraulic systems or in final drives and axles containing friction materials and/or wet brakes. Use the appropriate Fleet Gear product or Tractor Transmission and Hydraulic Fluid.

PRODUCT BENEFITS

- Superior extreme pressure properties compared to TO-4 fluids
- Protects against rust and corrosion
- Excellent foam control
- Improved shock load capability
- Extends component life
- Long oil drains reduces downtime

INDUSTRY & MANUFACTURER'S SPECIFICATIONS

- Caterpillar FD-1

TYPICAL DATA

Colour	Amber
Density at 15°C, kg/L	0.905
Viscosity, Kinematic, cSt at 40°C	327
Viscosity, Kinematic, cSt at 100°C	25.2
Viscosity Index	100
Ca content, Mass %	0.028
Phosphorus, Mass %	0.031