



FD01 FLUID

Heavy Duty Final Drive Gear Oil

Issue: June 2017

PRODUCT CODE	PACK SIZE	CTN / QTY
FD01205	205 Litre	
FD01100LTR	1000 Litre	



Description

FD01 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

FD01 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.

FD01 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

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

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

Note: FD01 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 reduce downtime.

Industry Specifications

Caterpillar FD-1

Typical Data

Density at 15°C, kg/L	0.905
Flash Point, °C	210
Viscosity, Kinematic, cSt	
at 40°C	327
at 100°C	25.2
Viscosity Index	100
Phosphorus, mass %	0.031
Calcium, mass %	0.028

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. A MSDS is available on request.



PENRITE OIL COMPANY PTY LTD, 88 Lewis Road, Wantirna South
 Victoria AUSTRALIA 3152, ABN 25 005 001 525
 Enquiries: Phone 1300-PENRITE (1300 736 7483)
 Fax: 1800-PENRITE (1800 736 7483)
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748

**PROUDLY AUSTRALIAN
 FAMILY OWNED
 SINCE 1926**



United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234
 Website: www.penriteoil.com, Email: penrite@penriteoil.com