



# AM Cat Final Drive FD-1

SAE 60

Previously known as Cat FD-1

## Description

**AgriMaster (AM) Cat Final Drive Oil FD-1** is a dedicated mineral final drive and axle oil for off highway which has been formulated to meet the increased workloads on gears and bearings about by increased productivity due to the significant improvement in final drives and axles. AM Cat Final Drive Oil is designed specifically for improved protection of these parts and is critical for their satisfactory life and performance.

AM Cat Final Drive Oil is recommended for all Caterpillar Final Drives and axles that currently specify the use of Caterpillar TO-4 oils, and do not contain friction metal.

## Applications

AM Cat Final Drive Oil will improve your power for productivity by increasing bearing and gear life in final drives and axles. The additive technology used is specifically designed to extend drain intervals beyond TO-4 oil in final drive and axle compartments. FD-1 oils are generally not recommended for use in compartments which contain friction materials.

Based on field and laboratory testing, the recommended oil change interval for off-highway truck differentials and final drives is doubled from 2,000 hours with conventional off-highway lubricants to 4,000 hours with the additive system used to formulate AM Cat Final Drive Oil. This allows operators to extend maintenance cycles and maximise operational uptime thereby saving money.

## Features & Benefits

AM Cat Final Drives provides:

- Minimised wear in heavily loaded gears due to the unique additive system used in formulating, leading to longer component life
- Excellent thermal and oxidative stability protects against oil thickening and deposit formation providing much longer life and therefore longer drain intervals compared with normal TO-4 fluids
- Excellent rust and corrosion performance
- Increased protection for bearings and gears against macro-pitting and metal fatigue. Using industry standard final drive and bearing fatigue tests, the additives used to formulate AM Cat Final Drive Oil exhibited over twice the performance of conventional off-highway lubricants
- Excellent metal and seal compatibility for long gear and bearing life as well as longer fluid life
- Anti-foam, AM Cat Final Drive Oil contains effective anti-foam agents for sustained foam protection



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## Specifications

Properties	Method	Result
Specific Gravity @ 20°C	ASTM D1298	0.897
Kinematic Viscosity @ 40°C	ASTM D445	320
Kinematic Viscosity @ 100°C	ASTM D445	25
Viscosity Index	ASTM D2270	100.6
Brookfield @ -10°C	ASTM D789	48,000



Master Item# 1506  
Pack Size Availability: 200L

Last Updated: 14<sup>th</sup> December 2023  
Previously Updated: 5<sup>th</sup> March 2021

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Technical Data Sheet