Cat® FDAO SYN™

Synthetic final drive and axle oil for Off-Highway Trucks and large Track-Type Tractors. **Multigrade**



Recommended Use

- Preferred lubricant for Cat Off-Highway Truck and D11R carrydozer front wheels, differentials and final drives operating under high load factors
- Compatible with Cat final drives and axles that previously specified Cat FDAO™ or TO-4 lubricants and do not contain friction material

Discover the Difference

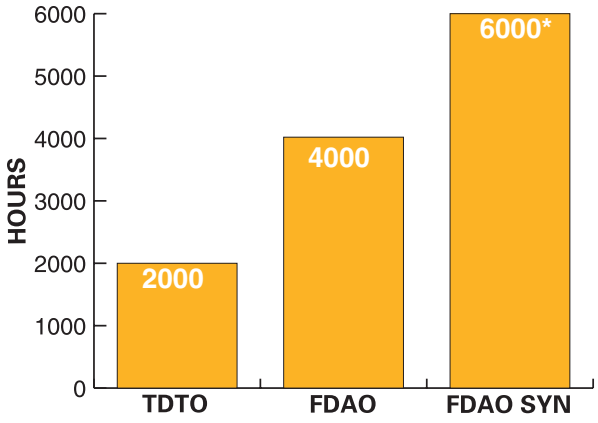
Cat FDAO SYN is developed, tested and approved by Caterpillar to meet the same high standards as Genuine Cat Parts.

- Extended Drain Intervals—Extends drain intervals up to a factor of three in Off-Highway Truck final drives, as compared to Cat TDTO™ and TO-4 oils.
- Minimal Foaming—Formulated to protect against the damaging effects of air.
- Longer Bearing and Gear Life—Has demonstrated the capability to double bearing life and quadruple gear life when compared to TDTO and T0-4 oils used in off-highway-truck final drives.

CATERPILLAR®

Cat FDAO SYN

Extended Drain Intervals with FDAO SYN (Cat Final Drive for Off-Highway Trucks)*



*Possible with S•O•S℠ Services

Typical Characteristics*

SAE Viscosity Grade	Multigrade
ISO Viscosity Grade	320
Caterpillar Test	FD-1
Gravity, API (ASTM D287)	33.4
Flash Point, °C (°F) (ASTM D92)	246 (474) min.
Pour Point, °C (°F) (ASTM D97)	–36 (–38)
Viscosity	
cP @ –20° C (ASTM D2983)	34,100
cP @ –30° C (ASTM D4684)	131,200
cSt @ 40° C (ASTM D445)	320
cSt @ 100° C (ASTM D445)	31.6
Viscosity Index (ASTM D2270)	138
Copper Strip (ASTM D130, 2 hrs @ 100° C)	1A

*The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.

S•O•S Services for early problem detection

Protect your investment with Cat S•O•S oil analysis, the ultimate detection and diagnostic tool for your equipment. S•O•S helps you detect potential problems before they can lead to major failures and costly unscheduled downtime.

Cat Filters: Complete protection for your machine

Combine Cat Fluids with Cat Filters for the highest level of contamination control and protection for your machine. We recommend Cat Filters for all Cat machine applications.

Health and Safety

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. Read and understand the Material Safety Data Sheet (MSDS) before using this product. For a copy of the MSDS, visit us on the web at www.catmsds.com.

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.



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TODAY'S WORK. TOMORROW'S WORLD.™