

# Cat<sup>®</sup> Synthetic GO

Synthetic gear oil for specified Cat direct drive transmissions, differentials, final drives and sealed-and-lubricated track joints

SAE 75W-140



## Recommended Use

Cat Synthetic GO is a full synthetic multi-viscosity API GL-5 classification multipurpose gear oil for the following applications:

- Sealed-and-lubricated track pins on Cat Track-Type Tractors and Track-Type Loaders
- Track-Type Tractor equalizer bar ends
- Differentials and final drives on Cat Wheel-Tractor Scrapers, Wheel and Mini Excavators and certain Backhoe Loaders
- Specific Articulated Trucks as recommended in your Operation and Maintenance Manual
- Motor Grader circle drives
- Cold Planer direct drive transmissions, differentials and final drives
- Drum bearings on Vibratory Soil Compactors
- Speed reducers on augers and elevators

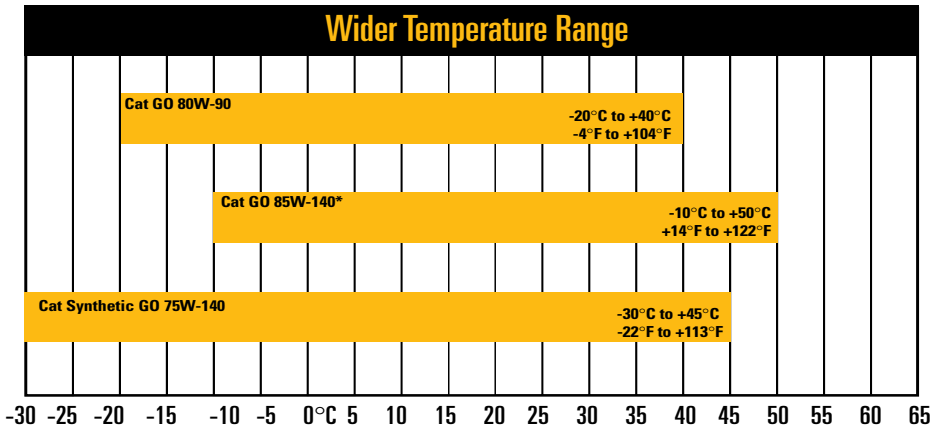
## Discover the Difference

Cat Synthetic GO is tested and approved by Caterpillar to meet the same high standards as all Genuine Cat Parts.

- **Factory-Fill**—Used as standard factory-fill for Cat machines.
- **Maximum Gear and Bearing Life**—Provides ultimate protection against scoring and pitting of gear teeth and rolling-element bearings.
- **Extended Track Life**—Improves galling resistance, reduces seal wear and minimizes bushing end grooving in sealed-and-lubricated track joints.
- **Wide Temperature Range**—Offers superior stability at high temperatures and exceptional performance at low, even arctic, temperatures.
- **Reduced Wear**—Provides excellent oxidation resistance which reduces buildup of harmful deposits.
- **Extreme-Pressure Performance**—Offers powerful protection under extreme conditions.

**CATERPILLAR<sup>®</sup>**

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## Typical Characteristics\*

SAE Viscosity Grade	75W-140
API Service Classifications	GL-5, MT-1
Gravity, API (ASTM D287)	31.7
Gravity, Specific	.867
Flash Point, °C (°F) (ASTM D92)	220 (428)
Pour Point, °C (°F) (ASTM D97)	-46 (-51)
Channel Point, °C (°F), max (FTMS 791A-3456)	-45 (-49)
Viscosity	
cSt @ 40°C (ASTM D445)	185
cSt @ 100°C (ASTM D445)	25
Viscosity Index (ASTM D2270)	172
Phosphorus, % wt. (ASTM D1091)	0.141

\*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.

**Notice:** Cat Synthetic GO does not meet the Cat TO-4 or the Cat FD-1 oil specifications and should not be used in compartments that specify TO-4 or FD-1 oil.

## S•O•S<sup>SM</sup> 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](http://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 can help you maximize your equipment investment.

