

Cat[®] Special Application Transmission Oil



Ultimate Protection Regardless of the Transmission

Caterpillar is pleased to announce the introduction of Special Application Oil (SATO). SATO is a multi-grade, semi-synthetic oil approved for factory fill as well as service fill for all Medium Wheel Loaders (MWL). SATO has excellent cold start performance and extended drain intervals for Advanced Powertrain Transmissions as well as traditional powershift transmissions.



CATERPILLAR[®]

Cat® Special Application Transmission Oil

Typical Characteristics	
Flash Point, °C (ASTM D92)	236
Pour Point, °C (ASTM D97)	-42
Viscosity cP @ -30°C (ASTM D5293)	13,500
Viscosity @ 40°C, cSt (ASTM D445)	73
Viscosity @ 100°C, cSt (ASTM D445)	11.4
Viscosity Index (ASTM D2270)	149
Zinc, % wt (ASTM D4951)	0.138
Phosphorus, % wt (ASTM D4951)	0.110
Calcium, % wt (ASTM D4951)	0.312
Temperature Range (ambient)	-30 to 50°C / -22 to 122°F

Part Numbers			
Liter		Gallons	
20	427-0375	5	427-0401
208	427-0388	55	427-0443
Bulk	427-0372		

Applications

- 966M XE, 972M XE (Advanced Powertrain Transmission)*
- 950M, 962M, 966M, 972M, 980M, 982M (Powershift Transmission)*

*Not acceptable for use in lower powertrain components (final drives, axles, differentials)

Benefits

- Improved oxidation stability from the semi-synthetic base stocks.
- Drain interval for Powershift transmissions is 2,000 hrs vs 1,000 hrs with TDTO 10 or 30.
- Superior performance over a wide temperature range.

S·O·SSM 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 application.

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 are built to help you maximize your equipment investment.



PEHJ0368-01
www.cat.com

© 2024 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

CATERPILLAR®