

Why Are Cat Fluids Better For You?

Not Using Cat® Fluids Might Come Back To Haunt You

- Your Cat® machine runs better with the only filters and fluids designed specifically for it — Cat filters and fluids. They not only improve performance, but they also protect vital engine and hydraulic components, ensuring a longer life and higher resale value.

80% COST
SAVINGS

4 FEWER FILLS

HYDO Advanced 10
& S•O•S^{SM*}

vs.

Industry Standard
Hydraulic Oil & S•O•S

40% COST
SAVINGS

2 FEWER FILLS

HYDO™ Advanced 10

vs.

Industry Standard
Hydraulic Oil

Greater Performance In The Lab

- Tested side-by-side under severe application conditions, Cat HYDO Advanced 10 outperformed Industry Standard Hydraulic Oil by:
 - Showing significantly less visible wear
 - Remaining in excellent condition after 200 hours (the piston pump with Industry Standard Hydraulic Oil failed at 178 hours)



Real-World Testing Results in \$16,500 In Real-World Savings

While testing in the lab is important, seeing how well our fluids perform — and how much they can save — out in the field is what matters most.

Cat Customer

Situation

- A heavy construction company operating more than 40 Cat tractors, excavators, wheel loaders and motor graders noticed a significant increase in operation and maintenance cost while using another brand of oil.

Solution

- The customer contacted his Cat dealer to help diagnose the problem. The Cat dealer suspected the problems were caused by the use of non Cat oils and convinced the customer to switch to Cat lubricants. For three years, the customer used Cat lubricants while a team of engineers and service technicians gathered maintenance data on fluid and filter change intervals. They also collected fluid samples to monitor both fluid and component life using the Caterpillar S•O•S system.

Results

- Following a comprehensive analysis of all the data, the customer realized \$16,500 of direct cost savings as a result of extending the drain interval by using Cat fluids and filters. The customer also was able to realize a 42% reduction in wear metals in critical machine components, resulting in an annualized repair cost avoidance of \$45,000

Oils That Work As Hard As You Do

Cat Oils

- Cat diesel engine, drive train and hydraulic oils all exceed industry specifications and undergo thousands of hours of testing in the lab and in the field
- Together, they give the best fluid protection money can buy
- There are three types of Cat oils;
 - Diesel Engine Oils (DEO™)
 - Drive Train Oils (TDTO™/FDAO)
 - Hydraulic Oils (HYDO Advanced)



Give Your Cat Machine The Ultimate Protection

Cat Coolants

- Cat Coolants are formulated specifically for the exacting standards of Cat machines
- They prevent component degradation, while protecting engine life and extending change intervals
- Cat Coolants include;
 - ELC™ (Extended Life Coolant)
 - ELI (Extended Life Inhibitor — for engines in non-freezing temps)
 - DEAC™ (Diesel Engine Antifreeze Coolant)
 - NGEC™ (Natural Gas Antifreeze Coolant)



Designed For The Most Rigorous Applications

Cat Grease

- After finding that other brands did not provide sufficient protection, Caterpillar developed its own grease specifically designed for Cat machines
- Its unique grease thickener provides unbeatable protection
- Cat Grease products include;
 - Utility Grease
 - Prime Application Grease
 - Extreme Application Grease 1
 - Extreme Application Grease 2
 - Extreme Application Grease (Arctic)
 - Extreme Application Grease (Desert)

