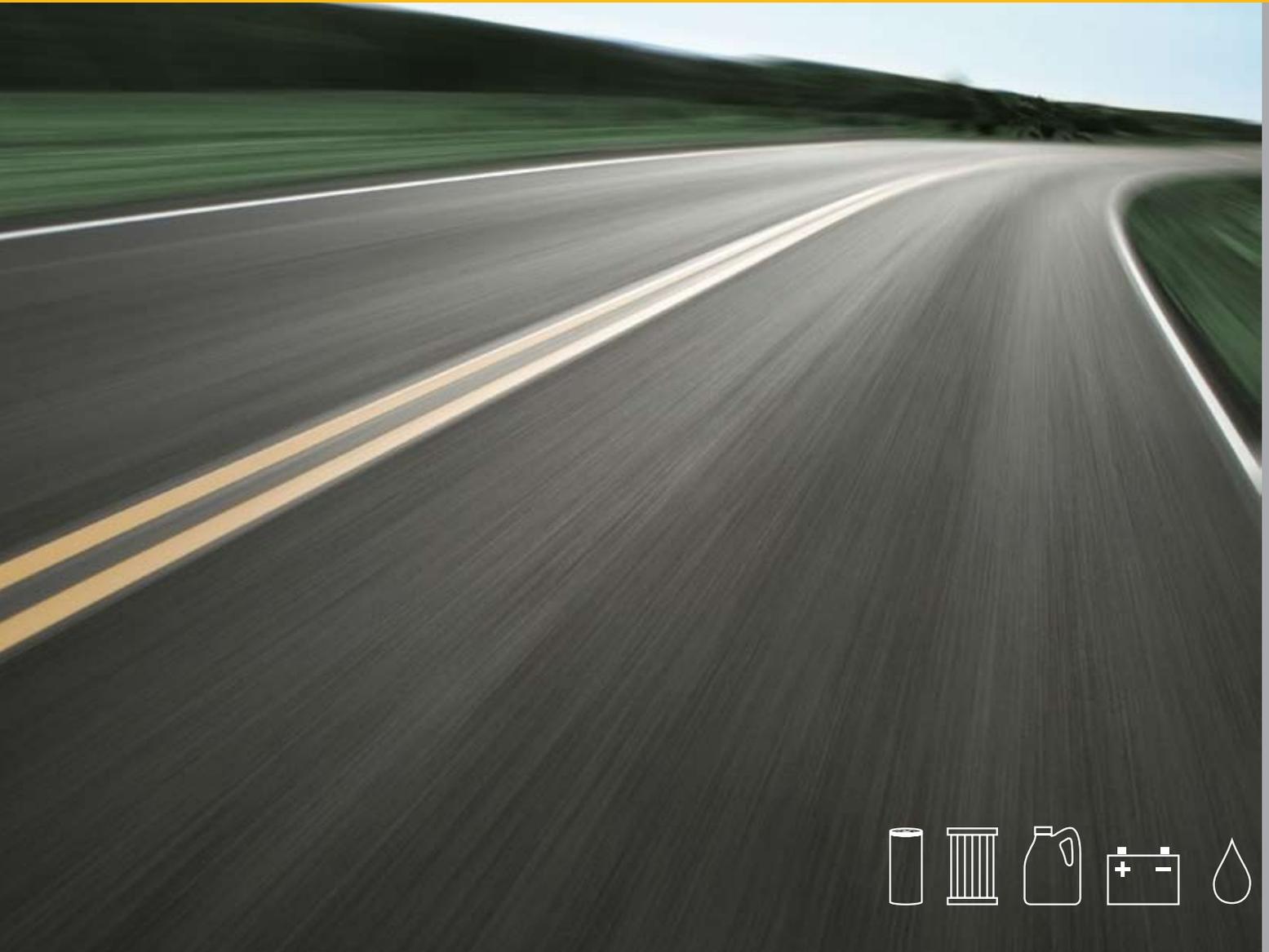


TAKE TO THE ROAD WITH CONFIDENCE

New Maintenance Products for 2007 Cat® Engines and Beyond



CATERPILLAR®

ADVANCED ENGINE

Hit the highway with a new Cat® engine, and you can be sure you're meeting today's emissions regulations. Cat C13 and C15 Engines with ACERT™ Technology are built to meet the toughest EPA standards for 2007 and beyond, while delivering outstanding performance, excellent fuel economy and long service life.

More than simply an emissions solution, ACERT Technology enhances overall engine performance. And it's so advanced, you won't even know it's there.

ACERT Technology takes advantage of breakthroughs in fuel delivery and combustion timing, plus refinements in air management, turbocharging and aftertreatment. All the technology is completely integrated into the engine platform, so your engine looks and works like it always has.

Your new Cat engine was specifically designed and built to take care of emissions compliance for you, so you can concentrate on putting more miles under your wheels.



SIMPLE MAINTENANCE

While today's Cat® engines are highly advanced, their service needs are surprisingly straightforward. In fact, Cat engines with ACERT Technology require essentially the same maintenance intervals as previous models in the C13 and C15 class.

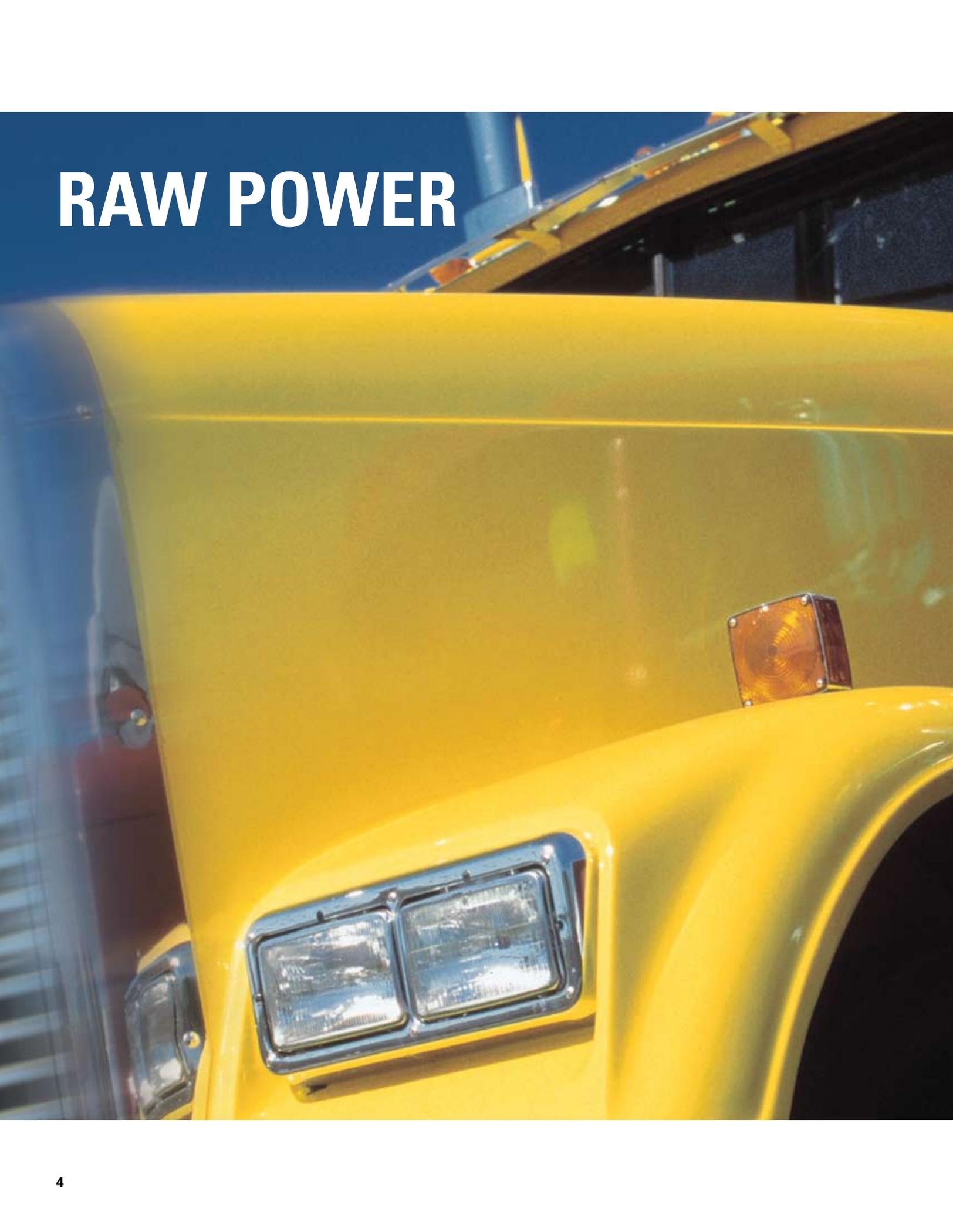
The only considerations that have changed are the types of fluids and filters required for the new engines. Tighter tolerances and higher pressures demand filters and fluids with new specifications that ensure adequate protection.

How can you tell if you're using the right fluids, filters and other maintenance products? Caterpillar makes it easy.

Use the Cat maintenance products recommended for your engine and you can take to the road with confidence. All of these products have been carefully engineered to help your engine deliver maximum performance and the longest possible service life. That's why it pays to keep it Cat.



RAW POWER

A close-up photograph of the front fender of a bright yellow truck. The image shows two rectangular headlights with chrome surrounds and a single square amber warning light mounted on the fender. The truck is parked in a dark environment, possibly at night, with some blurred lights and structures in the background.

HIGH-TECH PROTECTION

CAT® CV FILTER

Cat® Crankcase Ventilation (CV) filters are an essential part of the emissions reduction strategy used on Cat C13 and C15 On-Highway Engines, and they are required to meet 2007 EPA Emission Standards.



Convenient Replacement Interval

In most cases, you replace the Cat CV Filter every 90,000 miles.

Benefits:

- Easy maintenance—Housing end caps, o-ring seals and media are incorporated into a single, easy-to-maintain unit.
- Outstanding performance—Ultra-high efficiency media element removes vaporized oil droplets and particulate matter from the crankcase blow-by stream, trapping very fine particulate matter and contaminants.
- Easy filter changes without the need for special tools.

CRS NOZZLE CLEANING FLUID

Cat Regeneration System Nozzle Cleaner for new Cat On-Highway Truck Engines comes packaged in a convenient dispenser for easy “no mess, no waste” use.



Benefits:

- Maintains peak performance—Helps extend life and reduce maintenance costs for Cat Regeneration Systems.
- No spills—Convenient dispenser filled with pre-measured cleaner makes injection into CRS nozzle port fast and simple.
- Works fast—Cleans the entire regeneration system within 10 minutes.

CAT DEO-ULS™ ENGINE OIL

Cat DEO-ULS™ engine oil provides superior protection and life for new Cat engines. It is strongly recommended for all 2007 on-highway engines equipped with aftertreatment systems using 15-ppm sulfur fuel. It is also recommended for all previous models of Cat Diesel Engines.

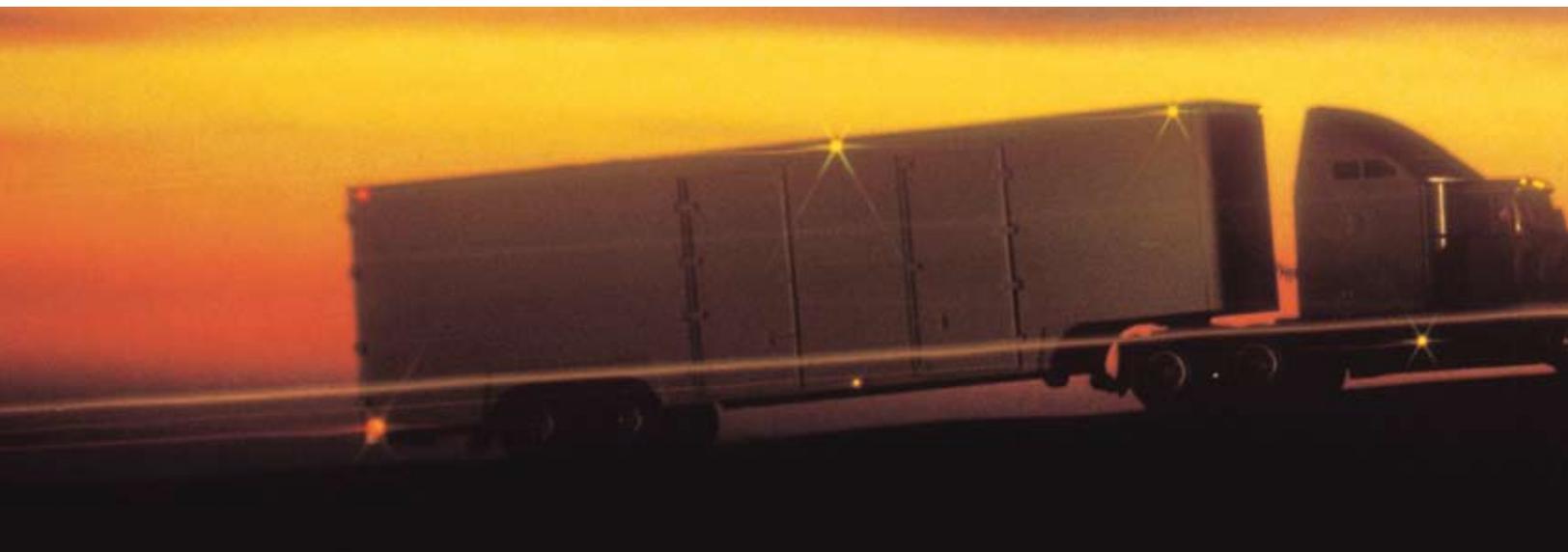
Specifications

Cat DEO-ULS Engine Oil exceeds the performance requirements of Caterpillar ECF-3 (Engine Crankcase Fluid Specification) and API CJ-4.

Benefits:

- Keeps engines clean—Better detergents protect against piston and ring groove deposits.
- Comprehensive protection—Advanced additive package improves protection of the engine and the Diesel Particulate Filter (DPF).
- More consistent viscosity—Enhanced dispersants provide better soot-related viscosity control, prevent viscosity loss from shearing and reduce oil consumption.
- Wider temperature range—Improved protection from thermal and oxidative breakdown helps the oil withstand higher sump temperatures while offering low-temperature pumpability.





PROVEN PRODUCTS FOR MAXIMUM PERFORMANCE

CAT® PHO BATTERIES

Cat® Premium High Output (PHO) batteries are designed for long-life, durability and maintenance-free performance in the toughest applications and most extreme climates.

Cat 175-4390 Starting Battery features 1000 Cold Cranking Amps (CCA)—one of the industry's highest ratings for a starting battery. This battery is designed for over-the-road applications where daily starts are infrequent and battery cycling/key-off accessory use is limited. In cold climates, it is ideal for day cabs with two-, three- or four-battery systems.



Cat 175-4370 Starting/Cycling Battery holds the industry's highest rating for a dual purpose. With its unique design this battery features 825 CCAs and is recommended for most "day-cab"

applications while providing additional protection against light-duty cycling/key-off accessory usage. It is an excellent battery for applications that include long hauls and two-, three- or four battery systems.

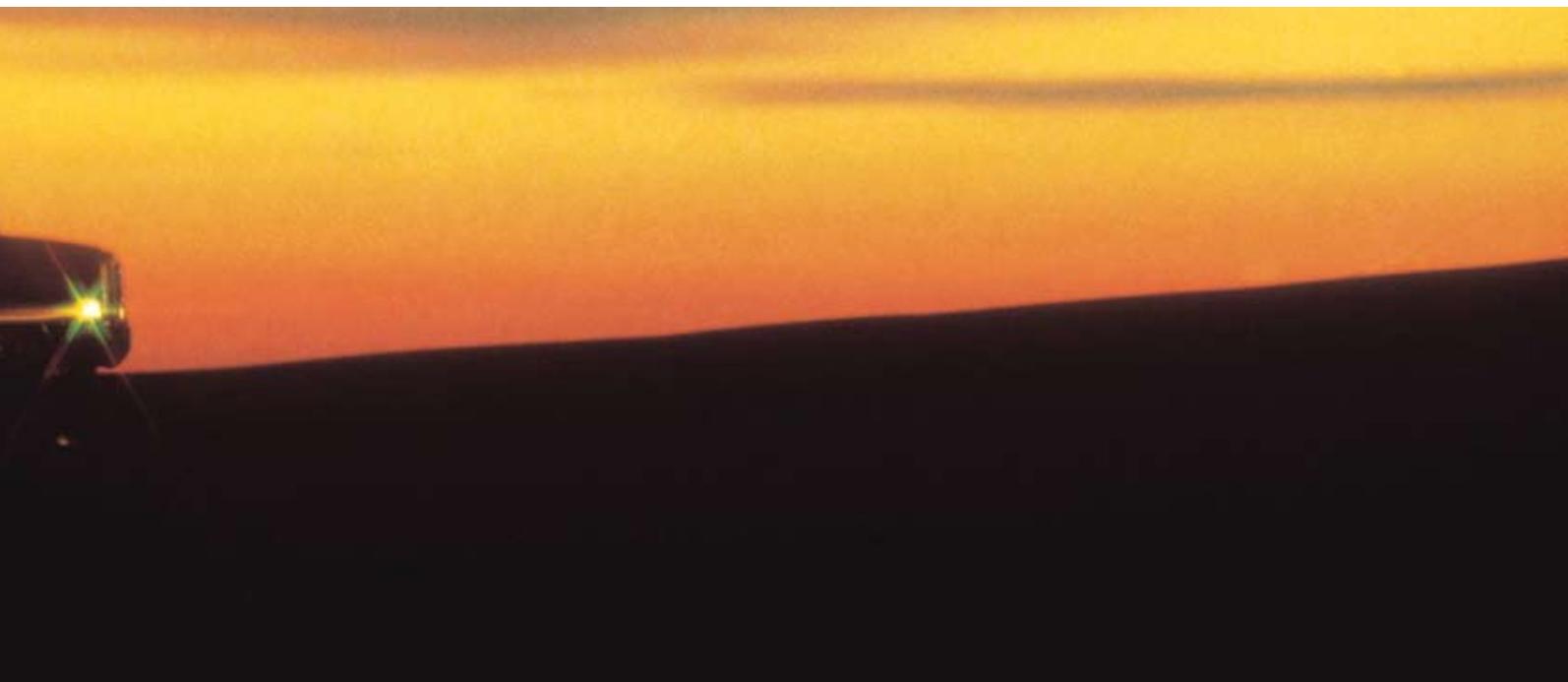
Cat 175-4360 Starting/Cycling Battery is the industry's highest-CCA deep-cycle truck battery with 710 CCAs. This premium deep-cycle battery can be used to convert from a 3+1 to a 4+0 (2840 CCA) system, which will provide longer battery life in applications with long periods of idling and extensive key-off usage of in-cab accessories or inverters.

CAT ATF-HD AUTOMATIC TRANSMISSION FLUID



Cat ATF-HD is a new fluid for automatic transmissions, tested and approved for use with Cat CX28, CX31 and CX35 transmissions. It provides exceptional stability and protection and, in some cases, can extend drain intervals.

This synthetic fluid is recommended for over-the-road automatic transmission applications requiring the Caterpillar AT-1 specification. Available in 55-gallon drums, 5-gallon pails and 1-gallon jugs.



CAT EXTENDED LIFE COOLANT (ELC)

Cat ELC protects cooling systems and engines three times as long as traditional coolants, without the hassle of using additives every 15,000 miles.

This advanced coolant helps end the problems of additive dropout, gel formation and radiator clogging, while reducing engine coolant and additive costs by as much as 500% compared to conventional coolants. Just add Cat Extender once at 300,000 miles to ensure that Cat ELC performs to its maximum life.



CAT ADVANCED HIGH-EFFICIENCY ENGINE OIL FILTERS

New high-efficiency oil filters deliver increased contamination-control performance, providing for a much cleaner-running engine lubrication system.

Cat Advanced High-Efficiency Filters contain a superior high-efficiency filter media to trap dirt more quickly, while maintaining excellent dirt-holding capacity. They offer better filtration efficiency than standard oil filters as well as improved engine cleanliness and component life—without the shorter change intervals often required by other brands' higher-efficiency filters.



CAT ADVANCED HIGH-EFFICIENCY FUEL FILTERS

High-quality Cat fuel filters are designed for the higher injection pressures and closer tolerances of the latest on-highway engines, and they are manufactured to meet Caterpillar's most demanding specifications.

Cat Advanced High-Efficiency Fuel Filters provide the highest level of protection for your engine's fuel system. Designed especially for EUI fuel systems, these filters use a super-fine cellulose/synthetic blend media for maximum filtration efficiency.





Cat® Maintenance Products

LONG LIFE. TOP PERFORMANCE.

Stick with genuine Cat® maintenance products and you never have to wonder if your Cat engine is getting everything it needs to deliver long life and top performance.

When you use the Cat products recommended for your engine, you can be sure that all your fluids and filters:

- Meet strict quality-control standards to precisely fit your Cat engine
- Perform at required specifications

or beyond to deliver maximum performance, even under harsh operating conditions

Available worldwide, genuine Cat oils, fluids, filters and batteries make it easy to take care of your new Cat engines so you can focus on getting loads down the road.

RECOMMENDED CAT® MAINTENANCE PRODUCTS FOR 2007 AND BEYOND

Keep this reference card handy and refer to your Operation and Maintenance Manual for additional information.

Standards and Maintenance Intervals

Oil (New Caterpillar® standard)	API CJ-4 (ECF-3)
Oil Change Interval (Same as 2004)	Base 30,000 Miles
Oil Filter Change Interval (Same as 2004)	Base 30,000 Miles
Fuel Filter Change Interval (Same as 2004)	Base 30,000 Miles
CV Filter Change Interval	90,000 Miles
Cat® ELC with Extender Change Interval	Base 600,000 Miles/6 years
DPF Cleaning Interval	Minimum 150,000 Miles
CRS Nozzle Cleaner	Every 50,000 Miles or 2nd Oil Change

Cat Filter Recommendations

Part Number

C7 (C7S)

Engine Oil, Advanced High-Efficiency, Spin-On	1R-1807
Fuel Secondary, Advanced High-Efficiency, Spin-On	1R-0751
Fuel Water Separator, Spin-On	175-2949

C9 (C9S)

Engine Oil, Advanced High-Efficiency, Spin-On	1R-1808
Fuel Secondary, Advanced High-Efficiency, Spin-On	1R-0751
Fuel Water Separator, Spin-On	175-2949

C13 (LEE)

Engine Oil, Advanced High-Efficiency, Spin-On	1R-1808
Engine Oil, Advanced High-Efficiency, Spin-On (two filter design)	249-2347
Fuel Secondary, Advanced High-Efficiency, Spin-On	1R-0749
Fuel Water Separator, Spin-On	256-8753
Crankcase Filter (CV)	296-8325

C15 (SDP)

Engine Oil, Advanced High-Efficiency, Spin-On	1R-1808
Fuel Secondary, Advanced High-Efficiency, Spin-On	1R-0749
Fuel Water Separator, Spin-On	256-8753
Crankcase Filter (CV)	296-8325

Cat Fluids Recommendations

Part Number

Cat DEO-ULS

1 Gallon (3.785 Liters)	291-3866
5 Gallon (19 Liters)	291-3868
55 Gallon (208 Liters)	291-3869
Cat Regeneration System Nozzle Cleaner (CRS)	308-1504

Cat ATF-HD

1 Gallon	301-2232
5 Gallon	287-1531
55 Gallon	287-1532

Cat Battery Recommendations

Cat Racing Batteries – Highest CCAs In The Industry – Maintenance Free

Deep-cycle and starting battery for sleepers, reefers, transit buses, RVs and school buses. Applications with extensive key-off usage of in-cab accessories or inverters. 175-4360

Starting and deep-cycle battery for applications that include long hauls and local runs. Industry's highest CCA dual-purpose truck battery. Excellent for 4-battery applications. 175-4370

Starting battery. Industry's highest CCA rating. Over-the-road applications where starts are infrequent and battery cycling is limited. 175-4390

Cat 4D and 8D Batteries – Maintenance Free – Exclusive Flat Tops

Bus/RV/Concrete Mixers. 153-5700

Bus/RV/Concrete Mixers. Industry's Highest CCA 4D Battery. CCA Rating – 1,400. 153-5710

Bus/RV/Concrete Mixers. Industry's Highest CCA 8D Battery. CCA Rating – 1,500. 153-5720

