## Caterpillar® Preventive Maintenance Products for On-Highway Engines and Transmissions

### Filters for Cat® On-Highway Engines

1R0749

256-8753

296-8325

FILTER TYPE

FILTER TYPE EPA '07 Engines	PART #
C7 (C7S)	
Engine Oil, Advanced High Efficiency, Spin-on	1R1807
Fuel Secondary, Advanced High Efficiency, Spin on	1R0751
Fuel - Water Separator, Spin On	175-2949
C9 (C9S)	
Engine Oil, Advanced High Efficiency, Spin on	1R1808
Fuel Secondary, Advanced High Efficiency, Spin on	1R0751
Fuel - Water Separator, Spin On	175-2949
C13 (LEE)	
Engine Oil, Advanced High Efficiency, Spin on, (2)	249-2347
Fuel Secondary, Advanced High Efficiency, Spin on	1R0749
Fuel Water Separator, Spin On	256-8753
Crankcase Ventilation Filter (CV)	296-8325
C15 (SDP)	
Engine Oil, Advanced High Efficiency, Spin-on	1R1808

#### **CRS Parts for EPA '07 Engines**

Fuel Secondary, Advanced High Efficiency, Spin on

Fuel Water Separator, Spin On

Crankcase Ventilation Filter (CV)

C13, C15	
CRS Nozzle Cleaner (if needed)	308-1504
CRS Spark Plug	295-3099

#### **EPA '04 Engines**

<b>C7</b>	
Engine Oil, Advanced High Efficiency, Spin on	1R1807
Fuel Secondary, Advanced High Efficiency, Spin on	1R0751
Fuel - Water Separator, Spin On	175-2949

<b>C9</b>	
Engine Oil, Advanced High Efficiency, Spin-on	1R1808
Fuel Secondary, Advanced High Efficiency, Spin on	1R0751
Fuel - Water Separator, Spin On	175-2949

C11, C13, C15	
Engine Oil, Advanced High Efficiency, Spin on	1R1808
Fuel Secondary, Advanced High Efficiency, Spin on	1R0749
Fuel - Water Separator, Spin On	256-8753

#### **Filters for Cat On-Highway Transmissions**

CX28	
Filter Assembly - Non PTO - Spin-on	126-1815
Filter Assembly - PTO - Spin-on	102-2828
Element - PTO Cartridge	280-7427
Element - Non PTO Cartridge	280-7424

CX31 and CX35	
Filter - Ultra High Efficiency	126-1817
Element - Filter	249-2329

TICLE THE	1001
3116 (2FR, 9LN)	
Engine Oil, Advanced High Efficiency, Spin-on	1R1807
Engine Oil, Standard Efficiency, Spin-on	1R0739
Fuel Secondary, Advanced High Efficiency <sup>1</sup> , Spin on	1R0750
Fuel Secondary, Advanced High Efficiency <sup>2</sup> , Spin on	1R0751

**Legacy Engines** 

PART#

3116 (2BK, 7SF, 8WL, 9YN)	
Engine Oil, Advanced High Efficiency, Spin-on	1R1807
Engine Oil, Standard Efficiency, Spin-on	1R0739
Fuel Secondary, Advanced High Efficiency, Spin-on	1R0750
Fuel Primary, Standard Efficiency, Spin-on	1R0740

3116 (9GK)	
Engine Oil, Advanced High Efficiency, Spin on	1R1807
Engine Oil, Standard Efficiency, Spin on	1R0739
Fuel Secondary, Advanced High Efficiency <sup>1</sup> , Spin on	1R0750
Fuel Secondary, Advanced High Efficiency <sup>2,</sup> Spin on	1R0751
Fuel Primary, Standard Efficiency, Spin On	1R0740

3126, 3126B, 3126E	
Engine Oil, Advanced High Efficiency, Spin on	1R1807
Engine Oil, Standard Efficiency, Spin On	1R0739
Fuel Secondary, Advanced High Efficiency, Spin on	1R0751
Fuel - Water Separator, Spin On	175-2949

3176	
Engine Oil, Advanced High Efficiency, Spin on	1R1808
Engine Oil, Standard Efficiency, Spin on	1R0716
Fuel Secondary, Advanced High Efficiency, Spin on	1R0749
Fuel Secondary, Standard Efficiency, Spin on	1R1712
Engine Oil, Standard Efficiency (2), Spin on	1R0713
Engine Oil, Standard Efficiency (2), Spin on	1R0714
Fuel Secondary, Advanced High Efficiency, Spin on	1R0750
Fuel Primary, Standard Efficiency, Spin On	1R1740

3306	
Engine Oil, Advanced High Efficiency, Spin-on	1R1807
Engine Oil, Standard Efficiency, Spin On	1R0739
Fuel Secondary, Advanced High Efficiency, Spin-on	1R0750
Fuel Primary, Standard Efficiency, Spin On	1R1740
Fuel - Water Separator, Spin On	256-8753

3406, 3406B, 3406C, 3406E, C-10/C-12, C-15/C-16					
Engine Oil, Advanced High Efficiency, Spin on	1R1808				
Engine Oil, Standard Efficiency, Spin On	1R0716				
Fuel Secondary, Advanced High Efficiency, Spin on	1R0749				
Fuel Secondary, Standard Efficiency, Spin On	1R1712				
Fuel - Water Separator, Spin On	256-8753				

Advanced high efficiency fuel and oil filters are the preferred maintenance option for superior contamination control.

 $<sup>^{\</sup>rm 2}$  Thread size for the 1R0751 is 7/8-14-UNF-2B



 $<sup>^{</sup>m 1}$  Thread size for the 1R0750 is 1-14-UNS-2B

# Fluids for Cat® On-Highway Engines Diesel Engine Oils

All 2007 Engine Models	Cat DEO-ULS	Part Number	Quantity	Application
All 2007 Eligille Models	Cat DEO-OF9	291-3866	1 Gallon (3.785 liters)	Аррисации
	4514/40.01.4			Required for diesel engines
	15W-40 CJ-4	291-3868	5 Gallon (19 liters)	with low sulfur fuel
All pro 2007 Engino Modelo	*Available for Canadian declare only	291-3869	55 Gallon (208 liters)	
All pre-2007 Engine Models	*Available for Canadian dealers only	3E9715	1 Quart	
Cat DEO™ Engine Oil		248-7518	1 Gallon	
		3E9713	5 Gallon	
	15W-40 CI-4	3E9713 3E9712	55 Gallon	_
		3E9902	*4 Liter	
		3E9848	*20 liter	
		3E9709	5 Gallon	All diesel engines
	10W-30 CI-4	3E9708	55 Gallon	
		3E9844	*20 Liter	
Cat DEO SYN™ Synthetic Engine Oil	5W-40	248-7519	1 Gallon	
Jul DEO OTTV Oynthedio Engine on	377 40	141-3341	55 Gallon	
Cat Artic DEO SYN		228-6071	20 Liter	
,,	OW-30	228-6071	205 Liter	
Synthetic Automatic Transmission	Fluid	220 0070	203 Litter	
Cat ATF-HD	TWILE	301-2232	1 Gallon	
Jat All -IID		287-1531	5 Gallon	CX28, CX31 & CX35 transmission
		287-1532	55 Gallon	
Coolant Products		207-1332	33 Galloli	
Cat ELC <sup>™</sup>		101-2844	1 Gallon	
Extended life coolant	Premix 50/50	129-2151	5 Gallon	
Extends coolant life to 600,000 miles	*Ball valve Group 232-4452 for 275 gallon Tote	101-2845	55 Gallon	
1,000,000 km) or 6 years with extender added at half-life	Tote	222-1534	275 Gallon*	
	Premix 50/50 with Embitterment**	238-8648	1 Gallon	
	Embitterment is used to reduce the risk	238-8649	5 Gallon	
	of poisoning, particularly to children and animals.	238-8650	55 Gallon	
	Concentrate	119-5150	1 Gallon	
	Concentrate with Embitterment**	238-8647	1 Gallon	
Cat ELC Extender	Concentrate with Empitterment	119-5152	1 Quart	
Use at half-life of ELC		210-0786	1 Gallon	
Cat DEAC™		8C3684	1 Gallon	
Conventional coolant	Concentrate	8C3686	55 Gallon	All Diesel Engines
		238-8651	1 Gallon	
	Concentrate with Embitterment**	238-8653	55 Gallon	
Cat SCA		6V3542	8 oz.	
Supplemental coolant additive		8T1589	16 oz.	
		3P2044	1 Quart	
		8C3680	5 Gallon	
		5P2907	55 Gallon	
Coolant Flush - Radiator Cleaner		4C4609	8 oz.	
Tidalasor Vivalion	Fast Acting	4C4610	1 Quart	
	-	4C4611	1 Gallon	
		4C4612	5 Gallon	
	Standard	6V4511	5 Gallon	
	Radiator Cleaner	4C4613	55 Gallon	
Coolant Conditioner Test Kit	Tests nitrite level	4C9301	100 strips in kit	
occiding domain and the test the	100to munto 10461		-	FLC DEAC NOTO
Refill Test Kits		4C9297	50 strips	ELC, DEAC, NGEC

## Maintenance Kits for Cat® On-Highway Engines

	Kit		Adv High	S·O·S <sup>SM</sup> Oil Analysis	Fuel/Water	DEAC	SCA (Liquid Additive)	
	Part	Oil	Efficiency	Sample Kit	Separator (Primary	Spin-on	for DEAC	
Engine	Number	Filter	<b>Fuel Filter</b>	(Oil Sample Kit)	Fuel Filter)	Filter	(Conventional Coolant)	
Kits for Use with ELC (No DEAC Spin-on filter or SCA/liquid additive required with ELC)								
3116, 3126/B/E	173-5325	1R0739	1R0751	4C4600				
3116, 3126/B/E, C7	283-9819	1R1807	1R0751	4C4600	175-4929			
3176, 3406/B/C/E, C-10, C-12, C-15, C-16	173-4431	1R0716	1R0749	4C4600				
3176, 3406/B/C/E, C-10, C-12, C-15, C-16	283-9820	1R1808	1R0749	4C4600	256-8793			
C11, C13, C15								
3176, 3406, C-10, C-12, C-15, C-16	285-5241	1R0716	1R0749		256-8753			
3176, 3406, B, C, E, C-10, C-12,	283-9821	1R1808	1R0749		256-8753			
C-15, C-16, C11, C13, C15								
Kits for Use with DEAC (Conventional C	oolant)							
3116(2FR,9LN,9GK), 3126/B/E	173-5326	1R0739	1R0751	4C4600			6V3542 8oz Conditioner	
3176, 3406, C-10, C-12, C-15, C-16	163-1129	1R0716	1R0749			9N3368		
	163-1128	1R0716	1R0749				8T1589 16oz Conditione	
	163-1127	1R0716	1R0749	4C4600		9N3368		
	163-1126	1R0716	1R0749	4C4600			8T1589 16oz Conditione	

Batteries				
Application	Part Number	CCA	RC (minutes)	BCI Group Size
Cat Racing Batteries - Highest CCA's in the industry - Maintenance Free*				
Deep Cycle and Starting battery for sleepers, reefers, transit buses, RV's and school buses. Applications with extensive key-off usage of in-cab accessories or Inverters.	175-4360	710	185	GP31 w/Stud Terminals
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	825	190	GP31 w/Stud Terminals
Starting battery. Industry's highest CCA rating. Over-the-road applications where starts are infrequent and battery cycling is limited.*	175-4390	1000	180	GP31 w/Stud Terminals
Cat 4D and 8D Batteries - Maintenance Free - Exclusive Flat Tops				
Bus/RV/Concrete Mixers.	153-5700	1100	305	4D
Bus/RV/Concrete Mixers. Industry's Highest CCA 4D Battery.	153-5710	1365	425	4D
Bus/RV/Concrete Mixers. Industry's Highest CCA 8D Battery.	153-5720	1465	465	8D

<sup>\*</sup> Longest warranty in industry, 2 year free replacement



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