

## Caterpillar Engine Oil Specifications

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Cat Oils include: Diesel Engine Oil (DEO™) Final Drive and Axle Oil (FDAO™) Drive Train Oil (TDTO™/TDTO-TMS™) Hydraulic Oil (HYDO™ Advanced) Shop now [View all fluids.](#)

Oils | Cat | Caterpillar

Cat ECF-3 API CJ-4 Oil Category performance requirements Cat ECF-2 API CI-4 / CI-4 PLUS Oil Category performance requirements and Passing standard Cat C13 engine test per API requirements and Oils of sulfated ash > 1.50 percent are not allowed Cat ECF-1-a API CH-4 Oil Category performance requirements and For oils that are between 1.30 percent and 1.50 percent sulfated ash, passing one additional Cat

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1P SCOTE test ( “ ASTM D6681 ” ) is required and Oils of sulfated ash > 1.50 percent are not allowed

### Cat Commercial Diesel Engine Fluids Recommendations

Where fluids meeting either Cat ECF-1-a, Cat ECF-2 or Cat ECF-3 are offered as an option in typical applications, in order to help ensure the maximum expected engine compartment performance and life, oil meeting the Cat ECF-3 specification must be used.) NOTICE Faulty engine coolant temperature regulators, or op-

### Caterpillar Machine Fluids Recommendations

Generally, fighting grade oils just meet API CH-4 specifications, while premium oils exceed them. You need to make this distinction with your oil supplier when you make your decision to purchase oil. Cat diesel engine oil is a premium oil that greatly exceeds the minimum requirements of API CH-4.

### Diesel Engine Oil | Cat® Parts Store

Due to the additional full-scale proprietary engine testing required of Cat DEO and Cat DEO-ULS, and due to significant variations in the quality and in the performance of commercially available oils, Caterpillar makes the following recommendations: •Cat DEO (Diesel Engine Oil) (10W-30) •Cat DEO (Diesel Engine Oil) (15W-40)

### Caterpillar Machine Fluids Recommendations

Sodium and Potassium combined “ EN14538 ” “ EN14538 ” ppm 5 maximum. Cold Soak Filterability “ ASTM D7501 ” – seconds 360 maximum. Cleanliness “ ASTM D7619 ” “ ISO4406 ” –(1)

(1) Recommended cleanliness level for fuel as dispensed into machine or engine fuel tank is “ ISO18/16/13 ” or cleaner per “ ISO4406 ” or “ ASTM. D7619 ” . Refer to the “ Contamination Control ” section in this Special Publication.

### Cat Commercial Diesel Engine Fluids Recommendations

Dimensions and Capacities The overall dimensions of a C7 engine are a length of 42.9 inches, width of 38.8 inches and height of 38.2 inches. The approximate dry weight is 1,425 lb. Engine oil capacity is 4.75 gallons or 6.75 gallons with the optional deep sump oil pan. Cooling system capacity -- engine only -- is 3.99 gallons.

### Specifications of a Caterpillar C-7 | It Still Runs

Oils developed, tested and approved to meet Caterpillar's rigorous requirements. They can be used in a variety of applications and components. Close Categories. Air ... Diesel Engine Oil (63) Gear Oil (24) Hydraulic Oil (33) Natural Gas Engine Oil (15) Oil Additives (8) Specialty Oil (14) ...

Cat® Oils · transmission-diesel-gear-axle-drive train oil ...

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Low oil pressure, low idle 69 kPa (10 psi); high idle 207 kPa (30 psi) Water temperature; Overspeed; 3161 governor solenoid energized to shutdown; Starting System. Starting switch; General. Vibration damper; Lifting eyes; Paint: Caterpillar yellow, with optional colors available at request

### 3516 Industrial Diesel Engines | Cat | Caterpillar

Basic specs are free and open to everyone They usually include engine images, displacement, dimensions and weight, essential bolt tightening torques, plus characteristics of the engine e.g. its power and torque. Essential bolt torques are: main bearing cap bolts connecting rod cap bolts cylinder head bolts close

### Caterpillar diesel engine specs, bolt torques and manuals

Tighten the engine oil relief valve to the following torque. ... 44 to 53 N·m (33 to 40 lb ft) Caterpillar Information System: 318B Excavator Machine System Specifications Lines (Pilot) - Common Piping for Two Pumps

### 3064 and 3066 Engines for Caterpillar Built Machines ...

Fuel rates are based on fuel oil of 35 ° API [16 ° C (60 ° F)] gravity having an LHV of 42 780 kJ/kg (18 390 Btu/lb) when used at 29 ° C (85 ° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal). Additional ratings may be available for specific customer requirements. Consult your Caterpillar representative for additional information.

### CATERPILLAR ENGINE SPECIFICATIONS

This engine is turbocharged and the rotation of the gears from flywheel end is counterclockwise. This engine is air and liquid cooled, and the liquid cooling system can hold 2.7 gallons of coolant. The lubricating oil system can hold up to 9.4 gallons of oil. The battery has an electrical backup, as well as a self-diagnostic system.

### Caterpillar C12 Engine Specifications | It Still Runs

For years, boat owners had recognized Caterpillar quality and adapted our regular power units to their boats. But starting in 1938, boat owners could buy Caterpillar engines specifically designed for use on the water. In 1938 three new models were added to the Caterpillar diesel engine line. They were the D11000, the D13000, and the D17000.

### Caterpillar | Eighty Years Ago, Caterpillar Went to Sea!

Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required.

### Caterpillar D6N Crawler Tractor - RitchieSpecs

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Cat® XG400 Rental Generator Set LEHX0030-00 Page 1 of 9 Continuous 400 kW 60 Hz 1800 rpm Cat® CG137-12 TA Gas Engine Metric Imperial (English) Number of Cylinders V12 Type 4-Stroke-Cycle Emissions U.S. EPA Tier 2 for Large Non-road Spark-ignition Engines Bore 137.2 mm 5.4 in Stroke 164 mm 6.46 in

### Specifications

Caterpillar 365C L Hydraulic Excavator. Terex TA40 Articulated Dump Truck. Caterpillar 143H Motor Grader. Volvo L90D Wheel Loader. Hyundai HL780-3A Wheel Loader. Bobcat S175 Skid Steer Loader. Caterpillar D9T Crawler Tractor

### Caterpillar 977L Crawler Loader - RitchieSpecs

Heat Exchanger Keel Cooled Cooled mm in. mm in. Overall Length 1715.6 67.5 1715.4 67.5 Length from front to rear face of block 1285.0 50.6 1285.0 50.6 Length from rear face of block to back of flywheel housing 149.8 5.9 149.8 5.9

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