



Image shown may not reflect
actual Engine

SPECIFICATIONS

V-8, 4-Stroke-Cycle-Diesel

Displacement.....	34.53 L (2,107.15 in ³)
Rated Engine Speed.....	1600
Bore.....	170.0 mm (6.69 in)
Stroke.....	190.0 mm (7.48 in)
Aspiration.....	Turbocharged-Aftercooled
Governor.....	Mechanical
Cooling System.....	Heat Exchanger
Weight, Net Dry (approx.).....	5,216 kg (11,499 lb)
Refill Capacity	
Cooling System.....	102.7 L (27.1 gal)
Lube Oil System.....	424.0 L (112.0 gal)
Oil Change Interval.....	250 hrs
Caterpillar Diesel Engine Oil 10W30 or 15W40	
Shallow Sump Oil Pan	
Rotation (from flywheel end).....	Counterclockwise
Flywheel and Flywheel Housing.....	SAE NO. 0
Flywheel Teeth.....	151

STANDARD ENGINE EQUIPMENT

Air Inlet System

Corrosion resistant coated jacket water aftercooler core, regular duty air cleaners with service indicator, turbocharger

Control System

3161 governor, air-fuel ratio control, remote positive locking governor control

Cooling System

Centrifugal non-self-priming auxiliary sea water pump, gear-driven centrifugal jacket water pump, expansion tank, engine oil cooler, thermostats and housing

Exhaust System

Air-shielded watercooled exhaust manifold and turbocharger, round flanged outlet

Fuel System

RH fuel filter with service indicators, fuel transfer pump

Instrumentation

RH instrument panel with gauges for engine oil pressure, engine water temperature, fuel pressure, oil filter differential pressure, service meter, tachometer

Lube System

Top mounted crankcase breather, RH oil filter with service indicators, RH oil level gauge, RH oil filler, gear type oil pump, shallow oil pan

Mounting System

Ledge type engine mounting rails

Protection system

Oil pressure and water temperature alarm contactors, RH manual shutoff

General

Vibration damper and guard, Caterpillar yellow paint, lifting eyes (Engines for heat exchanger cooling do NOT include heat exchanger. Keel cooling conversion is available.)

ISO Certification

Factory-designed systems built at Caterpillar ISO 9001:2000 certified facilities