# **4 EASY STEPS TO PROTECT YOUR INDUSTRIAL ENGINE**

Your operation depends on reliable power. That's why you specify Cat® industrial engines. With Extended Service Coverage (ESC), you get additional service that's just as durable and long-lasting. ESC for **new, used and overhauled industrial engines** protects your investment and your peace of mind. Choosing coverage is as easy as following these four steps.

### 1 CHOOSE FROM A VARIETY OF COVERAGE OPTIONS

First, extend your protection beyond the original factory warranty by choosing the coverage option that's right for your situation.

NEW ESC	Coverage for industrial engines is available in 24- to 60-month terms, in 12-month increments, if purchased before the end of your original factory warranty.
ADVANTAGE ESC	Your engine is eligible if it meets all of the following criteria:  > Within defined age and usage hour limitations  > Not previously overhauled  > Passes Advantage inspection requirements administered by a Cat authorized dealer (if applicable by program).
OVERHAUL ESC	Coverage is available in 12- to 60-month terms, in 12-month increments. Your industrial engine is eligible once a qualifying overhaul has been completed by an authorized Cat dealer in accordance with the Overhaul ESC Checklist.

## **2** IDENTIFY YOUR COVERAGE NEEDS

Next, identify the age and current operating hours of your industrial engine since delivery or overhaul. Then calculate your annual hours of use to choose the best ESC coverage terms to fit your needs.



# 3 SELECT YOUR COVERAGE LEVEL

Then, choose from our Silver, Gold, Platinum or Platinum Plus coverage levels (New and Advantage ESC only) to get the exact amount of protection you need based on the Coverage Matrix<sup>1</sup> and Additional Allowances. Overhaul ESC options are also available. Contact your local Cat dealer for details.

#### COVERAGE MATRIX<sup>1</sup>

Cooling System	Silver	Gold	Platinum <sup>2</sup>
Thermostat Housing	<b>√</b>	<b>√</b>	$\checkmark$
Water Manifold Housing	<b>√</b>	<b>√</b>	✓
Jacket Water Precooler	✓	✓	✓
Jacket Water Pump		<b>√</b>	✓
Thermostat			✓
Radiator & Fan			✓
Fuel System			
Steel Fuel Lines	$\checkmark$	✓	✓
Fuel Shutoff Solenoid	$\checkmark$	<b>√</b>	✓
Fuel Injectors		<b>√</b>	✓
Fuel Transfer Pump & Housing			✓
Fuel Priming Pump			✓
Fuel Transfer Pump			✓
Lubrication System			
Pan, Pump Cooler	<b>√</b>	<b>√</b>	✓
Crankcase Breather			✓
Engine Oil Pump Drive			✓
Prelubrication Pump			✓
Electric System			
Control Module (ECM)	<b>√</b>	<b>√</b>	✓
Sensors: All Engine Sensors	$\checkmark$	<b>√</b>	$\checkmark$
Wiring Harness & Connectors			$\checkmark$
Starter			$\checkmark$
Engine Alternator			✓

Air Induction & Exhaust	Silver	Gold	Platinum <sup>2</sup>
Exhaust Manifolds, Studs & Gaskets	✓	<b>√</b>	<b>√</b>
Inlet Air Heater Relay	✓	✓	<b>√</b>
Intake Manifold	✓	✓	<b>√</b>
Turbocharger(s)		<b>√</b>	$\checkmark$
Air-to-Air Aftercooler Cores			$\checkmark$
Muffler/Exhaust System			<b>√</b>
Exhaust Guards			$\checkmark$
Diesel Oxidation Catalyst			✓
Short Block			
Cylinder Block Casting	<b>√</b>	$\checkmark$	$\checkmark$
Crankshaft	✓	<b>√</b>	<b>√</b>
Connecting Rod Assembly	✓	<b>√</b>	$\checkmark$
Piston, Wrist Pin, Retainer Clip & Piston Rings	<b>√</b>	<b>√</b>	$\checkmark$
Idler and Timing Gears			$\checkmark$
Accessory Drive			$\checkmark$
Cylinder Head			
Cylinder Head	<b>√</b>	<b>√</b>	✓
Intake & Exhaust Valves	<b>√</b>	$\checkmark$	✓
Valve Mechanism	✓	<b>√</b>	✓
Camshaft, Camshaft Bearings, Key, Gear	✓	$\checkmark$	✓
Front & Rear Covers			
Front Cover/Plate/Housing/Gears & Gaskets	<b>√</b>	$\checkmark$	✓
Vibration Damper	$\checkmark$	$\checkmark$	✓
Flywheel Housing & Gasket	<b>√</b>	$\checkmark$	$\checkmark$
Crankshaft Front & Rear Seal			J
Optional Aftertreatment Coverage			
Diesel Particulate Filter	√3	√3	√3
Selective Catalytic Reduction	√3	√3	√3

- 1 This Coverage Matrix is for reference only and does not represent a complete list of covered components. For additional information, please reference the appropriate ESC contract.
- 2 Platinum level coverage covers all as-shipped consist from the factory with Cat part numbers. Some exclusions may apply.

Platinum Plus goes beyond Platinum coverage to include Cat components installed by an authorized dealer. Such components must be approved. See your Cat dealer for details.

#### ADDITIONAL ALLOWANCES

	Travel/Mileage Limitations		Emergency Freight	Overtime	Disconnect & Connect
Engine Displacement <sup>4</sup>	Silver, Gold, Platinum	Platinum Plus Only	All Coverage Levels	Platinum Plus Only	Platinum Plus Only
Up to 4 liters	2 hr/100 mi or 161 km	2 hr/100 mi or 161 km	\$500 USD	\$3,000 USD	\$1,500 USD
Over 4 liters up to 7.5 liters	4 hr/200 mi or 322 km	10 hr/500 mi or 805 km	\$500 USD	\$3,000 USD	\$1,500 USD
Over 7.5 liters	8 hr/320 mi or 515 km	10 hr/500 mi or 805 km	\$500 USD	\$3,000 USD	\$1,500 USD

<sup>4</sup> Please refer to the industrial engine spec sheets for particular engine displacement.

### 4. PURCHASE AND REGISTER YOUR ESC

Finally, work with your local Cat dealer to complete the process—and get the protection and peace of mind you deserve.



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<sup>3</sup> Recent emissions-compliant industrial engines may be equipped with a Diesel Particulate Filter (DPF) and/or a Selective Catalytic Reduction (SCR). We offer coverage at an additional cost on these emissions components. Silver, Gold, Platinum or Platinum Plus base level coverage is required.