

# CAT® REMAN ENGINES AND NEW WITH CORE CLEAN EMISSIONS MODULES

FOR TIER 4 CAT EQUIPMENT<sup>1</sup>

**A COST-EFFECTIVE OVERHAUL OFFERING  
THAT MATCHES ORIGINAL PERFORMANCE  
AND EMISSION CONFIGURATIONS**



**Keep equipment efficient with the like new performance of Cat® Reman engines and new with core clean emissions modules (NWC CEM).**

You want replacement options that are designed to last. That's why it's wise to pair the like new quality of a Cat Reman engine with the component-protecting aftertreatment of a CEM — available for purchase with a core refund. **Maintain 100% confidence in performance** across your equipment's lifecycle with products that match original OEM configurations and a same-as-new, 12-month Caterpillar Limited Warranty<sup>2</sup>.

Cat Reman engines and NWC CEMs each arrive as fully assembled drop-in solutions that can save you **up to 14 days of anticipated downtime** and **up to 25% in total system rebuild costs**.

Available separately, Cat Reman engines and NWC CEMs are formidable additions to your machine. When used together, you can trust that the solution will match original OEM configurations and performance.



**FULLY ASSEMBLED SOLUTION**



**REDUCED DOWNTIME**



**FRACTION-OF-NEW COSTS**



# CONFIDENCE IN PERFORMANCE OVER MACHINE LIFECYCLE

## RECEIVE MAXIMUM VALUE FOR YOUR CORE

Get more for your money with our flexible core acceptance criteria. Because we use simple, visual inspections that don't require special tools or disassembly, we can provide a quick decision on core condition and credit. You don't have to wait for — or guess — your repair costs. Just keep in mind, full core credit<sup>3</sup> is issued separately for engines and CEMs.

### Receive full core credit<sup>3</sup> toward engines if:

- Acceptable Cat part number
- Fully assembled and complete
- Cylinder block is not visibly cracked, broken or welded
- No non-operational damage — mishandling, excessive rust, corrosion, pitting or unsuccessful attempt to salvage

### Receive full core credit<sup>3</sup> toward CEMs if:

- Acceptable Cat part number
- Fully assembled and complete — including clamps, sensors and wiring harnesses — with capped air, fuel and coolant lines
- No non-operational damage — mishandling, excessive rust, corrosion, pitting or unsuccessful attempt to salvage

**However, even engines or CEMs with visibly cracked, broken or welded components can be eligible for partial credit.<sup>3</sup>**

## CONTROL DOWNTIME AND REPAIR COSTS

To reduce your expenses and downtime, Cat Reman engines and NWC CEMs are priced at a fraction of the cost of new, available off the shelf and backed by a same-as-new, 12-month Caterpillar Limited Warranty<sup>2</sup>.

### This warranty covers:

- Repairs at any authorized Cat dealer (not limited to the original selling or servicing dealer)
- Parts and installation labor<sup>2</sup> to replace defective parts, when performed by an authorized Cat dealer
- Resultant damage<sup>2</sup> caused by a covered component to other Cat engine components
- Replacement of engine oil, coolant and filters if contaminated during a failure of a covered component<sup>2</sup>

## GET A LIKE NEW ENGINE AND CEM

When you buy a Cat Reman engine, you get a like new, cost-effective product that is assembled and tested using OEM standards. When remanufacturing engines at state-of-the-art facilities, the team:

- Disassembles, cleans and inspects every component to be remanufactured, then applies advanced remanufacturing techniques
- Replaces all piston rings, rubber parts, springs, seals, gaskets and O-rings with 100% new components
- Replaces cylinder liners or re-hones cylinder bores; and regrinds and polishes crankshaft and journal surfaces
- Incorporates the latest engineering changes

### Meanwhile, NWC CEMs:

- Provide new aftertreatment performance at a lower cost
- Are designed to original OEM specifications for a consistent level of performance and reliability
- Arrive to customers fully assembled, saving labor hours at installation

## YOUR DEALER IS STANDING BY

The Cat dealer network stocks a broad line of Cat Reman parts and components. With 21 Global Caterpillar Parts Distribution centers and more than 2,300 authorized Cat locations, most components are available and ready to install, reducing your downtime and maintaining productivity.

**Contact your local authorized Cat dealer today.**

<sup>1</sup>Cat Reman NWC CEM offerings include machine models 140, 966, 972, 988, D6, D8, 988, 320, 323, 336, 740 and 777. For full list of offerings, contact an authorized Cat dealer.

<sup>2</sup>Warranty can vary by model and application, limitations may apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

<sup>3</sup>Additional guidelines may apply based on engine models. Contact your authorized Cat dealer for more information.