



**BUILT FOR PERFORMANCE.
FUELED BY INNOVATION.
DRIVEN TO SERVE YOU.**

CAT® INDUSTRIAL POWER ENGINES,
SYSTEMS, SERVICES AND SUPPORT.



LET'S DO THE WORK.™

ANYWHERE, ALL THE TIME.

THE BEST ENGINES FOR YOUR INDUSTRY. THE BEST SERVICE FOR YOUR BUSINESS.

When it comes to industrial diesel engines, Caterpillar has a well-earned reputation for engineering the toughest products on the planet. That's because Cat® industrial engines are built for the applications and industries of the men and women who use them. Men and women who demand the toughest engines on earth, because they work the hardest jobs on earth.

That's why Caterpillar offers a complete range of industrial engines from 8.8 to 5,700 Kw (11.8 to 7,644 hp). This means that no matter your industry, no matter your machine application and no matter your specs and configurations – there's a Cat engine ready to meet your demands.

WHEREVER INDUSTRIAL DIESEL ENGINES ARE NEEDED, CATERPILLAR IS ON THE JOB:

- » Construction
- » Mining
- » Agriculture
- » Forestry, Waste and Recycling
- » Material Handling
- » Light Construction
- » General Industrial

AND ALWAYS AT YOUR SERVICE.

Does it get any better than that? It does. Because with every Cat engine, you get the second-to-none service and support of the Cat dealer network. From installation support to troubleshooting to in-field service around-the-clock, all over the world, Caterpillar is the only engine manufacturer on the planet capable of offering a comprehensive line of engines with full-life service and support, including:

- » Customer Value Agreements (CVAs)
- » Genuine Cat Parts – including Replacement Engines
- » Extended Service Coverage (ESC)
- » Industrial Engine Connectivity Offerings

DIG INTO THE DETAILS OF OUR FULL RANGE OF SERVICES AT THE END OF THIS BROCHURE.

A LEGACY OF ADVANCEMENT. AN ENDURING COMMITMENT TO SERVICE.

Over 80 years and counting. That's how long Caterpillar has been serving you as a global leader in diesel engine design and manufacturing. Needless to say, a lot has changed since 1931. Caterpillar, alone, has pioneered multiple innovations that massively redefined the possibilities of diesel engine performance and productivity on a global scale.

SOME OF OUR NOTABLE ACHIEVEMENTS INCLUDE:

THE FIRST USE

of turbocharging in production engines, machines and trucks.

DEVELOPMENT AND REFINEMENT

of electronic engine control, producing the advanced Cat ADEM™ A4 controllers widely used in Cat engines today.

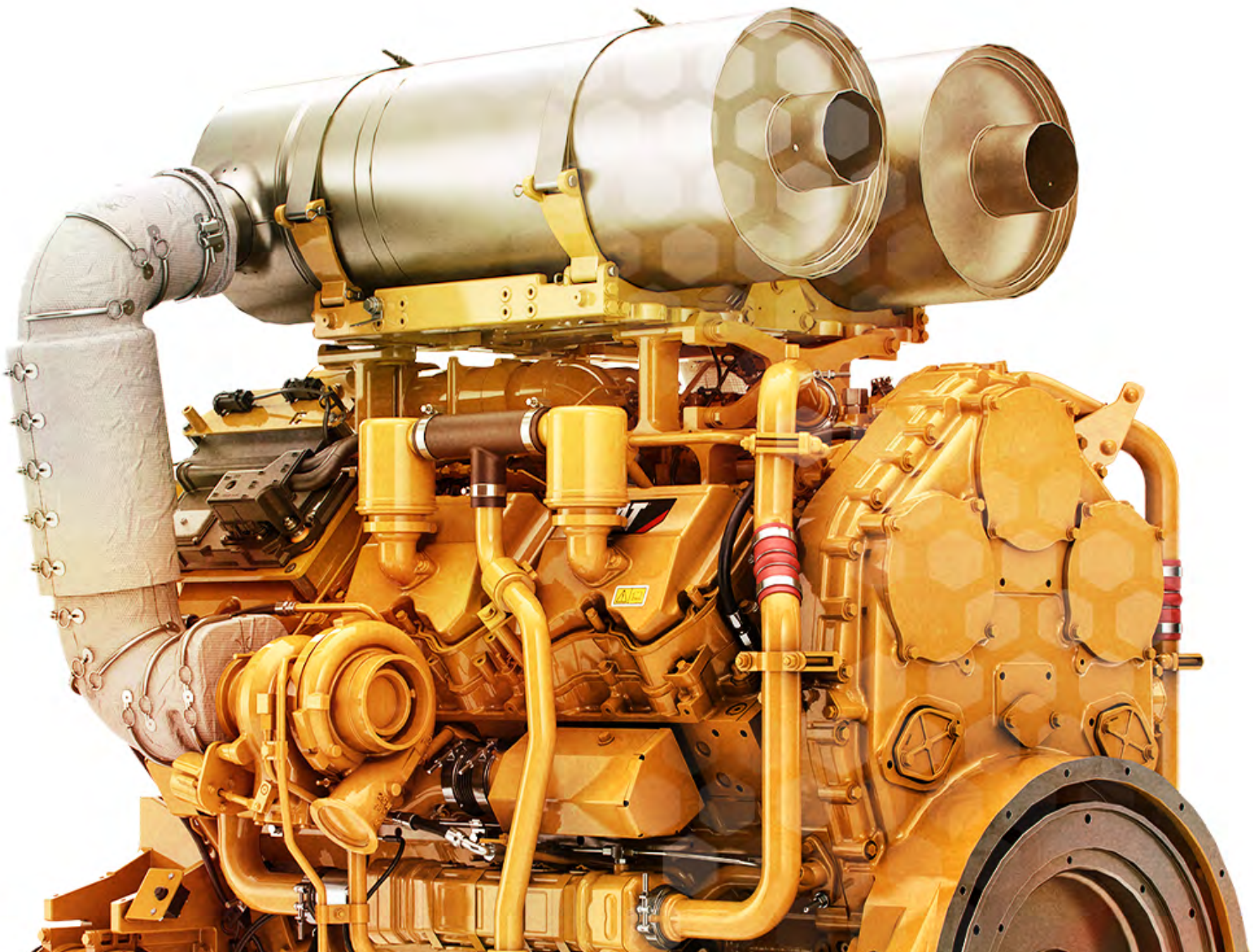
PRECISION FUEL INJECTION

using Cat Common Rail, HEUI™ and MEUI™ (Hydraulically and Mechanically Actuated, Electronically Controlled Unit Fuel Injector) Fuel Systems.

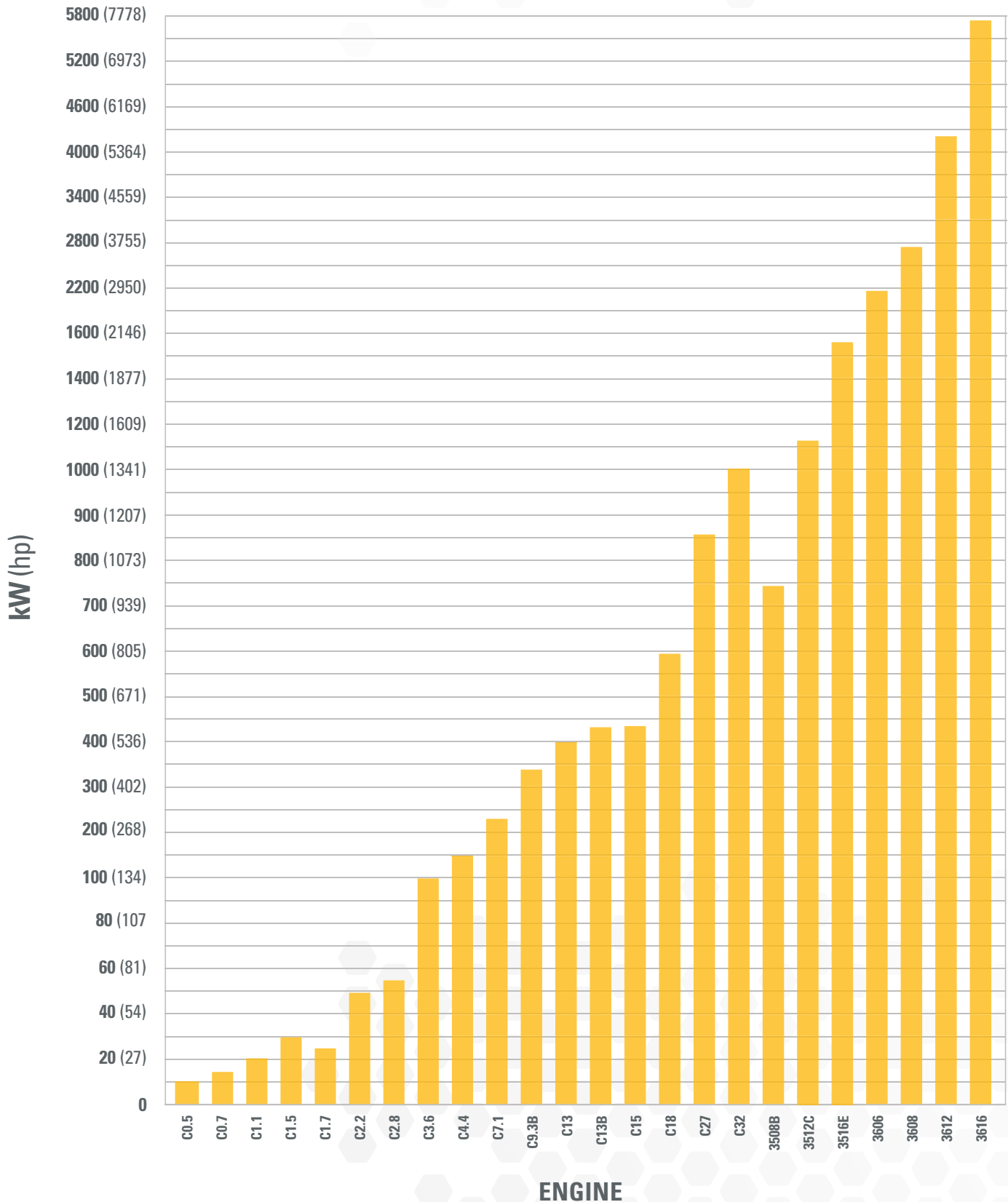


TIME AFTER TIME, CAT[®] ENGINE TECHNOLOGY KEEPS DELIVERING.

As technology advances, we make sure your engines achieve maximum performance and efficiency while retaining operational simplicity, reducing emissions and, of course, maintaining long service life.



MATCH A CAT® ENGINE TO YOUR APPLICATION



CAT[®] ENGINE

INDUSTRIES AND APPLICATIONS.

WHATEVER YOU DO, WE HAVE YOUR INDUSTRY COVERED.

When it comes to the applications, equipment and machines that Cat industrial engines serve, we have you covered. From construction, mining, agriculture and forestry to material handling, waste and recycling, light construction and general industrial applications – the list goes on and so do our services.



CAT® ENGINES FOR CONSTRUCTION.

HARD HATS. HARD HANDS. HARD-TO-BEAT
ENGINE PERFORMANCE AND DEALER SUPPORT.

INDUSTRY APPLICATIONS:

- » Bore/Drill Rigs
- » Compactors/Rollers
- » Mobile Earthmoving Machines
- » Paving Equipment
- » Trenchers
- » Other Construction Equipment



CAT ENGINES FOR MINING.

ENGINE PERFORMANCE THAT LETS YOU DIG DEEPER.
SERVICE AND SUPPORT THAT GOES ABOVE AND BEYOND.

INDUSTRY APPLICATIONS:

- » Bore/Drill Rigs
- » Shovels/Draglines
- » Surface Hauling Equipment
- » Underground Mining Equipment



CAT® ENGINES FOR AGRICULTURE.

SUNUP TO SUNDOWN,
ENGINES THAT WORK AS HARD AS YOU DO.

INDUSTRY APPLICATIONS:

- » Ag Tractors
- » Combines/Harvesters
- » Irrigation Equipment
- » Sprayers
- » Specialty Ag Equipment



CAT ENGINES FOR FORESTRY, WASTE AND RECYCLING.

INVEST IN AN ENGINE SYSTEM THAT WON'T GO TO WASTE.

INDUSTRY APPLICATIONS:

- » Chippers/Grinders
- » Feller Bunchers
- » Harvesters
- » Loaders/Forwards
- » Skidders
- » Other Forestry Equipment



CAT® ENGINES FOR MATERIAL HANDLING.

ENGINES AND ENGINEERS WITH
A PROPER HANDLE ON YOUR INDUSTRY'S NEEDS.

INDUSTRY APPLICATIONS:

- » Aerial Lifts
- » Chippers/Grinders
- » Cranes
- » Crushers
- » Dredgers
- » Forklifts
- » Pumps: Irrigation/Petroleum (Non-Fire)



CAT ENGINES FOR LIGHT CONSTRUCTION AND GENERAL INDUSTRIAL.

AND FOR ANYTHING ELSE THAT COMES YOUR WAY,
CATERPILLAR HAS THE ENGINE YOU NEED TO POWER THROUGH IT.

INDUSTRIAL APPLICATIONS:

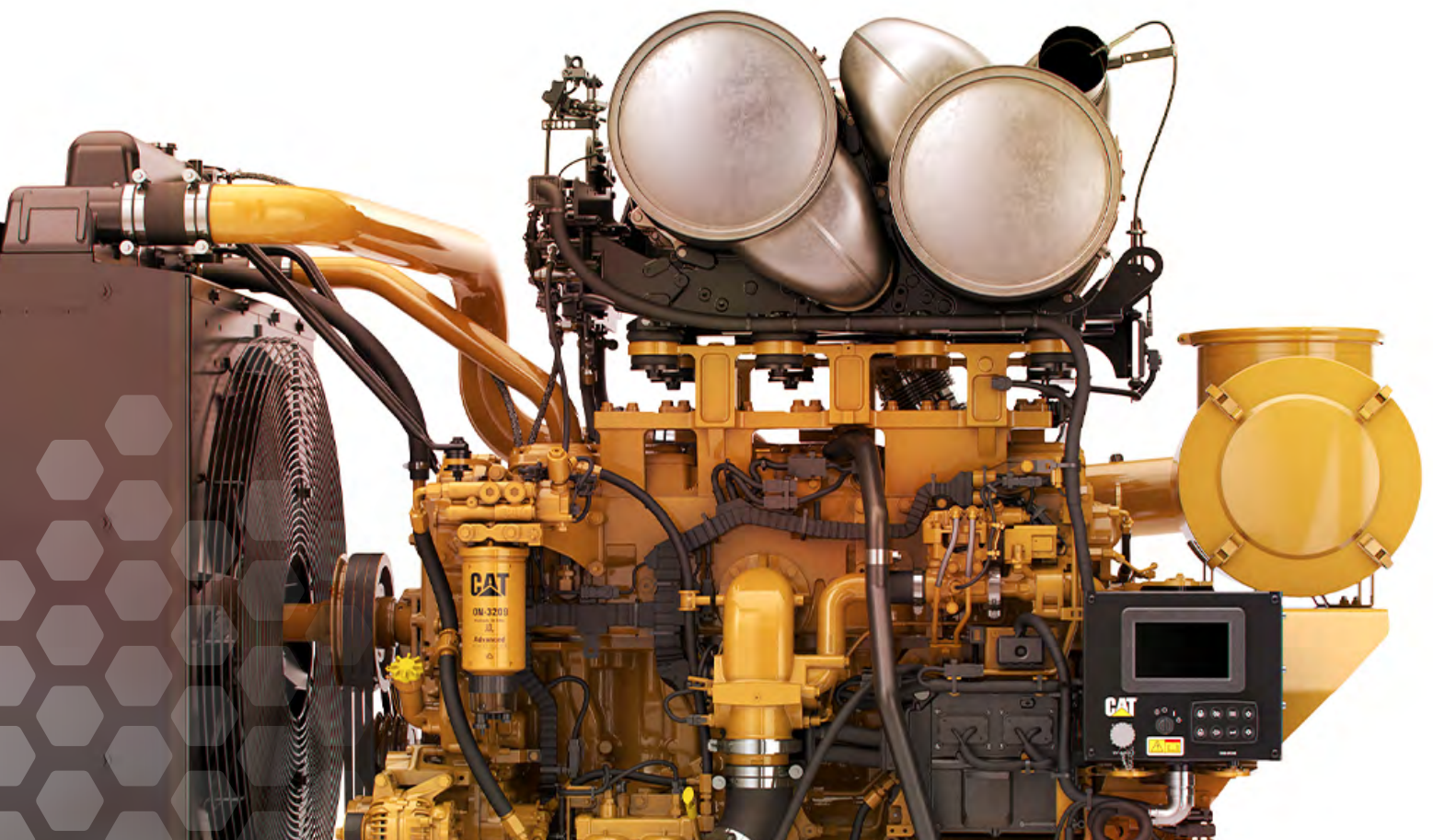
- » Aircraft Ground Support
- » Compressors
- » Hydraulic Power Units
- » Mobile Lighting Systems
- » Mobile Sweepers
- » Turf and Landscaping Equipment
- » Welders
- » Snow Removal and Grooming Equipment
- » Other Industrial Applications

CONSTANTLY ADVANCING **INDUSTRY STANDARDS.** CONTINUOUSLY EVOLVING TO MEET **EMISSIONS STANDARDS.**

WHEN YOU SUPPLY ENGINES ALL OVER THE WORLD, IT'S ONLY FITTING THAT THEY COMPLY TO THE WORLD'S STANDARDS, TOO.

Yes, Caterpillar is the leading global supplier of industrial engines. Yes, Caterpillar is the sole supplier on the planet with the resources and wherewithal to offer a complete range of industrial engines for a full list of applications and equipment. And yes, Caterpillar is the only engine supplier capable of boasting a 360° service offering with a worldwide network of enduring Cat dealer support.

And if all of that wasn't enough, Caterpillar has continuously evolved and optimized its engine product line to current emissions standards using the very latest emissions technologies for U.S. EPA Tier 4 Final and EU Stage V, China IV, as well as emissions requirements for other global markets. With millions upon millions of proven working hours in a wide variety of applications, you can be confident in the quality and lasting value of your Cat engine investment.



Today, Cat engines utilize technology and advanced aftertreatment systems where required to meet global emissions standards and deliver the power and performance you need to tackle any challenge you face.

ENGINE | SPECS

C0.5

Cylinders: 2
Maximum Power: 10.2 kW (13.7 hp) (for LRC)
Maximum Torque: 30 Nm (22 lb-ft)
Rated Speed Range: 2800-3600 rpm

ENGINE | SPECS

C2.8

Cylinders: 4
Maximum Power: 55 kW (74 hp)
Maximum Torque: 380 Nm (280 lb-ft)
Rated Speed Range: 2200 rpm – 2400 rpm

C0.7

Cylinders: 3
Maximum Power: 15.3 kW (21 hp)
Maximum Torque: 50 Nm (36.9lb-ft)
Rated Speed Range: 2200 rpm – 3600 rpm

C3.6

Cylinders: 4
Maximum Power: 100 kW (134 hp)
Maximum Torque: 550 Nm (406 lb-ft)
Rated Speed Range: 2000 rpm – 2400 rpm

C1.1

Cylinders: 3
Maximum Power: 21 kW (28 hp)
Maximum Torque: 86 Nm (63 lb-ft)
Rated Speed Range: 2200 rpm – 3400 rpm

C4.4

Cylinders: 4
Maximum Power: 150 kW (201 hp)
Maximum Torque: 825 Nm (609 lb-ft)
Rated Speed Range: 2000 rpm – 2200 rpm

C1.5

Cylinders: 3
Maximum Power: 30 kW (40.2 hp)
Maximum Torque: 112 Nm (83 lb-ft)
Rated Speed Range: 2200 rpm – 3000 rpm

C7.1

Cylinders: 6
Maximum Power: 239 kW (320 hp)
Maximum Torque: 1282 Nm (946 lb-ft)
Rated Speed Range: 1800 rpm – 2200 rpm

C1.7

Cylinders: 3
Maximum Power: 24 kW (32 hp) (for LRC)
Maximum Torque: 105 Nm (77 lb-ft)
Rated Speed Range: 2200 rpm – 2800 rpm

C9.3B

Cylinders: 6
Maximum Power: 340 kW (456 hp)
Maximum Torque: 2088 Nm (1540 lb-ft)
Rated Speed Range: 1800 rpm – 2200 rpm

C2.2

Cylinders: 4
Maximum Power: 49 kW (66 hp)
Maximum Torque: 200 Nm (148 lb-ft)
Rated Speed Range: 2600 rpm - 3000 rpm

C13

Cylinders: 6
Maximum Power: 400 kW (520 hp)
Maximum Torque: 2122 Nm (1565 lb-ft)
Rated Speed Range: 1800 rpm – 2100 rpm

ENGINE | SPECS

C13B

Cylinders: 6
Maximum Power: 430 kW (577 hp)
Maximum Torque: 2634 Nm (1943 lb-ft)
Rated Speed Range: 1800 rpm – 2100 rpm

C15

Cylinders: 6
Maximum Power: 444 kW (595 hp)
Maximum Torque: 2717 Nm (2004 lb-ft)
Rated Speed Range: 1800 rpm – 2100 rpm

C18

Cylinders: 6
Maximum Power: 597 kW (801 hp)
Maximum Torque: 3710 Nm (2736 lb-ft)
Rated Speed Range: 1800 rpm – 2000 rpm

C27

Cylinders: 12
Maximum Power: 858 kW (1151 hp)
Maximum Torque: 5255 Nm (3876 lb-ft)
Rated Speed Range: 1800 rpm - 2100 rpm

C32

Cylinders: 12
Maximum Power: 1007 kW (1350 hp)
Maximum Torque: 6166 Nm (4548 lb-ft)
Rated Speed Range: 1800 rpm - 2100 rpm

3508B

Cylinders: 8
Maximum Power: 746 kW (1000 hp)
Maximum Torque: 4263 Nm (3155 lb-ft)
Rated Speed Range: 1800 rpm

ENGINE | SPECS

3512C

Cylinders: 12
Maximum Power: 1120 kW (1502 hp)
Maximum Torque: 7130 Nm (5276 lb-ft)
Rated Speed Range: 1800 rpm

3516E

Cylinders: 16
Maximum Power: 1566 kW (2100 hp)
Maximum Torque: 11220 Nm (8276 lb-ft)
Rated Speed Range: 1650 rpm

3606

Cylinders: 6
Maximum Power: 2150 kW (2883 hp)
Maximum Torque: 21150 Nm (15651 lb-ft)
Rated Speed Range: 1000 rpm

3608

Cylinders: 8
Maximum Power: 2710 kW (3634 hp)
Maximum Torque: 26660 Nm (19728 lb-ft)
Rated Speed Range: 1000 rpm

3612

Cylinders: 12
Maximum Power: 4252 kW (5702 hp)
Maximum Torque: 41822 Nm (31948 lb-ft)
Rated Speed Range: 1000 rpm

3616

Cylinders: 16
Maximum Power: 5700 kW (7644 hp)
Maximum Torque: 56900 Nm (42106 lb-ft)
Rated Speed Range: 1000 rpm

Note: Includes ratings which meet highly regulated and/or lesser or non-regulated emissions standards.

DOWN-TO-EARTH SERVICE ON A GLOBAL SCALE.

**BECAUSE THE ONLY THING AS DEPENDABLE AS OUR
ENGINES IS THE SUPPORT THAT COMES WITH THEM.**

Just as an engine is only one part – though an important one – of the machine, Cat engines are only one part of our total service offering to the customers we so proudly serve. From day one design plans to assembly line spec enhancements to 24/7 in-the-field support – the Cat dealer network is here for you with trained expertise, expanded offerings and round-the-clock service wherever you are.





CUSTOMER VALUE AGREEMENTS (CVAs)

Hassle-free ownership. Hassle-free maintenance. Peace of mind from equipment health management. Security of expert dealer support. That's a CVA.



GENUINE CAT® PARTS

INCLUDING REPLACEMENT ENGINES

What's the best way to get the most out of your equipment? Only use the best parts that do the most for your equipment. That means Genuine Cat Parts. From filters and fluids to replacement engines, it takes a complete system of compatible parts to keep your equipment running at its peak potential.



EXTENDED SERVICE COVERAGE (ESC)

Protection from the unexpected. That's what you get from the tailorable options of ESC. Between full coverage, cost control, boosted resale value and altogether less to worry about – it all adds up to coverage you can count on.



INDUSTRIAL ENGINE DIGITAL SERVICES

Through Cat connectivity software and hardware solutions for industrial engines, you can maximize your fleet efficiency with the unmatched support of our network of experts. Proactively access critical data anywhere at any time, easily retrofit equipment, plus Cloud-based scalability – all on an easy-to-use customizable interface for you to gain critical insights on the fly, secure equipment health and maximize your uptime.



ENGINES THAT POWER YOUR EQUIPMENT. **SERVICE THAT EMPOWERS YOUR BUSINESS.**

In this world, the most demanding applications demand the most reliable performance. Cat industrial engines are built to meet these demands. Not only are they the most advanced engines in the world, Cat engines remain easy to operate, simple to maintain and cost-effective throughout the lifespan of your equipment.

Between the full range of available Cat engines and the comprehensive support and go-to resources of the Cat dealer network, Caterpillar truly is the complete solution for your industrial engine needs.

**FOR MORE INFO AND INSIGHTS
ON CAT® ENGINES AND SERVICES,
CONTACT YOUR LOCAL CAT DEALER OR VISIT [CAT.COM/INDUSTRIAL](https://www.cat.com/industrial).**



PEDJ0698-00 // May 2021

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