

# » CAT® HEAVY DUTY BATTERIES

## SURE STARTING POWER IN EXTREME TEMPERATURES

LONG LIFE, RELIABLE STARTS AND  
ENHANCED VIBRATION RESISTANCE



### Did you leave the lights or radio on overnight? Now dealing with a dead battery?

Cat heavy duty batteries are designed for consistent and reliable starts — and peace of mind that your truck can go all-out for the long haul. They meet stringent Caterpillar design specifications and provide industry-leading cold cranking amps (CCA) capability and enhanced vibration resistance. Cat batteries are built specifically to help you start your truck, every time — even if you left the lights or radio on.

The features built into a Cat battery deliver long life and reliability, even in extreme climate conditions. Caterpillar validates performance through demanding test parameters, which means Cat batteries are proven tough in the lab and wherever your truck takes you.

### SPECIFICATIONS

Part Number	BCI Size	Cold Crank Amperage	Reserve Capacity (minutes)	Amp Hour	Terminal
175-4390	31	1000	180	90	Stud
175-4370	31	825	190	100	Stud

### WHY CAT BATTERIES

Caterpillar is already a leader in the heavy machinery industry, where today we produce batteries for large off-highway machines and engine gensets. Why wouldn't you want to install the same Cat branded quality battery — with the same technology — in your truck?

Plus, Cat heavy duty batteries are backed by a 24-month Caterpillar Limited Warranty<sup>1</sup>.

<sup>1</sup>Limitations may apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.



## PROOF OF PERFORMANCE

Before Cat Batteries hit the shelf, they undergo the industry's most demanding performance tests. No one else does them all.



- » **VIBRATION RESISTANCE:** 100-Hour Vibration Resistance Test is three to five times the industry standard.
- » **RELIABLE STARTS:** 72-Hour Deep Discharge/Recharge Test is run five times to simulate demanding conditions, and Cold Soak Test requires ice-cold batteries to start an equally cold engine.
- » **MAXIMUM LIFE:** 30-Day Complete Discharge/Recharge Test requires recovery to 25 charging amps within 60 minutes after being completely discharged for 30 days.
- » **EXTREME RELIABILITY:** SAE J2185 Heavy Duty Life Cycle Test subjects batteries to deeper discharge and charge cycles at extreme temperatures.

## CAT HEAVY DUTY BATTERIES EXCEED THE COMPETITION IN TERMS OF ELECTRICAL PERFORMANCE AND VIBRATION ROBUSTNESS.

Positive and negative plates locked at top and anchored at bottom resist vibration.

Thicker posts provide lower electrical resistance, resulting in higher output at starting.

Denser lead within plates allow for increased battery life and power in extreme heat and cold temps. Microporous separators protect and prevent shorts and vibration damage.



Heat seal/venting system prevents any electrolyte leakage. Safety vents reduce possibility of explosion from external sparks.

Reinforced brickwork design protects against all temperatures and reduces chance of punctures and case flexing.

Hot melt used to anchor bottom of plates provides superior retention of active material in the plates.



**CAT® BATTERY  
TIPS SHEET**  
PEJJ0560

## YOUR DEALER IS STANDING BY

The Cat dealer network stocks a broad line of new and Cat Reman parts and components, supported by the Caterpillar worldwide inventory and distribution system. With over 30 authorized Cat dealers in North America who manage a combined network of 2,000+ sales and service locations, Cat Reman components are drop-in ready solutions, which help you reduce downtime, maintain productivity, and keep your Cat on-highway truck engine on the road for the long haul.