



# EVERY™ ADVANTAGE. ISC For 2007

■ **Enhanced High Pressure Common Rail Fuel System** – Delivers optimum balance of performance, emissions control and fuel economy across the entire operating range.

■ **Cooled Exhaust Gas Recirculation** – Lowers combustion temperatures for reduced emissions and optimized mpg.

■ **Variable Geometry Turbocharger** – Enhanced response and control with electric actuation for infinite adjustment, providing exact boost across the operating range. Sliding-nozzle design increases reliability, durability.

■ **Full-Authority Electronic Controls** – Higher microprocessor capacity and speed for optimum control of the engine and aftertreatment.

■ **Heavy-Duty Features** – Replaceable wet liners, roller followers, by-pass oil filtration, targeted piston cooling, robust valve train and more.



■ **Low Maintenance** – Long oil change intervals maintained. Cummins Particulate Filter will go 200,000-400,000 miles (320,000-640,000 km) in a typical duty cycle for most vehicles before it needs cleaning.

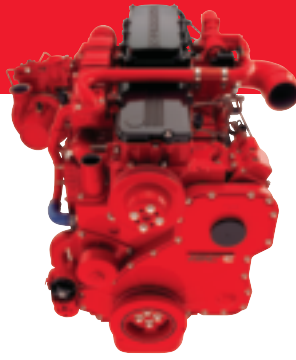
■ **Cummins Particulate Filter** – Fully integrated for uncompromising performance, reliability. Reduces particulate matter more than 90%.

■ **Crankcase Ventilation System** – Fleetguard® coalescing filter only needs replacement every 3-4 oil changes.

## SPECIFICATIONS

Advertised Horsepower	240-330 hp	179-246 kW
Peak Torque	660-1000 lb-ft	895-1356 N•m
Governed Speed	2200-2400 rpm	
Clutch Engagement Torque	500 lb-ft	678 N•m
Number of Cylinders	6	
Oil System Capacity	6.3 U.S. gallons	23.8 liters
System Weight	1,680 lb	762 kg
Engine (Dry)	1,630 lb	739 kg
Aftertreatment*	50 lb	23 kg

\*Increase over standard muffler



## Cummins ISC. Every Challenge. Met.

The ISC for 2007 runs cleaner, with greater power and better efficiency than ever before. Add the optional compression brake, and it even stops better. How did we make these improvements and still meet stringent emissions controls? With a totally integrated system that includes our proven cooled-EGR system, a High Pressure Common Rail fuel injection system, our patented VG Turbo, Cummins Particulate Filter and crankcase ventilation system.

## High Performance. Every RPM.

The superior performance of the ISC comes from a constant flow of high-pressure fuel, injected with precise timing for optimum burn efficiency. An increased number of injection events per cycle results in an ISC that runs both stronger and more efficiently than ever before.

## Every Adjustment. Exact.

The patented Holset Variable Geometry Turbocharger (VG Turbo) continuously adjusts airflow to reduce turbo lag, improve transient response and increase vehicle performance. Its design has been enhanced with electric actuation for faster response.

The VG Turbo also doubles as an exhaust brake to increase stopping power. The VG Turbo is standard on every ISC engine. Because our VG Turbo has only one moving part in the hot exhaust stream, it is more reliable and durable than competitive turbos.

## Making Every Business Run Smoother.

Advanced electronics help your vehicles – and your business – run smoother. Features include diagnostics, engine protection, data management capabilities, trip management reporting and more. Dozens of adjustable parameters let you customize engine performance for each type of duty cycle and application.

## ISC Maintenance Intervals.

	MILES/KILOMETERS	HOURS	MONTHS
Oil and Filter	15,000 mi 24,000 km	500	6
Primary Fuel Filter	15,000 mi 24,000 km	500	6
Secondary Fuel Filter	30,000 mi 48,000 km	1,000	12
Coolant Filter	None*	None*	None*
Overhead Adjustment	150,000 mi 241,500 km	5,000	48
Standard Coolant Change	240,000 mi 385,000 km	N/A	24
Coalescing Filter	Every 3rd to 4th Oil Change		
Particulate Filter	200,000-400,000 mi (320,000-640,000 km)		

\*If engine is equipped with an optional coolant filter, it will need to be replaced on the same intervals as the oil filter.

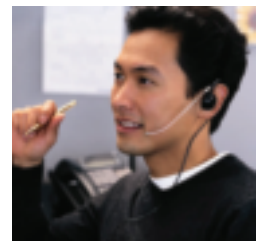
The Cummins Particulate Filter is designed to last the life of your engine. Regeneration is fully automated and controlled by the ECM.

## Service You Trust. Every Time.

Cummins has the largest network of service providers with over 3,500 locations in North America. And we're the only manufacturer to offer Cummins QuickServe® with same-day service for most repairs.

## Every Question. Answered.

For more details about Cummins ISC, see your local Cummins dealer or distributor, call 1-800-DIESELS (1-800-343-7357) or visit our web site at [everytime.cummins.com](http://everytime.cummins.com).



Cummins is a pioneer in product improvement. Thus specifications may change without notice. Illustrations may include optional equipment.



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