

# PRODUCT SHEET:

## RAMPTECH® CUMMINS® 6C/8.3L DIESEL ENGINE



### ENGINE OVERVIEW

The Cummins 6C/8.3L is a versatile engine used in on-highway trucks and service vehicles as well as off-highway industrial applications. In the GSE industry the 6C Cummins is primarily used in Aircraft Push Back and Tow Tractors, as well as some larger sized Air-Start Units, PCA Units, and GPUs.

RAMPTECH's engine builders utilize torque plating methods for boring and honing to ensure block straightness, which reduces break-in. In addition, our engine builders use OEM or equivalent pistons, rings, bearings, valves and gaskets, to assure that this engine will stand the test of time.

### TO PLACE AN ORDER

Before calling to request price and availability, please gather the following information:

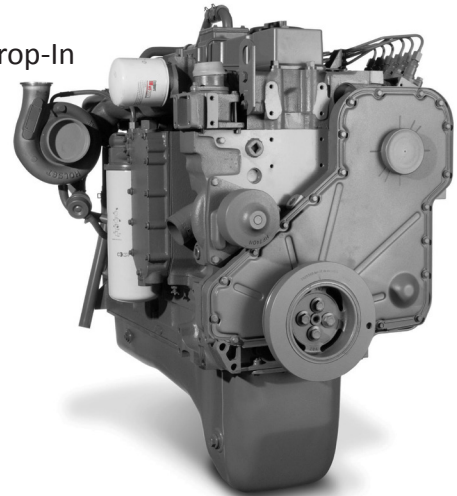
- The original engine serial number
- The original engine CPL number
- The equipment make and model

The CPL and serial numbers are located on the injection pump side of the engine on the front gear cover.

### DYNAMOMETER TESTING

All of RAMPTECH's Complete Drop-In engines are 100% dyno tested prior to shipment. Computer controls ensure that each dyno test is conducted under standard

6C Complete Drop-In



repeatable settings. Every engine is run through a warm up cycle, three separate loading segments simulating light, medium and heavy throttle conditions, maximum torque and horsepower tests, both high and low idle tests, and a black light leak detection test with dyed oil, coolant, and fuel.

### COMPLETE DROP-IN INCLUDES:

Complete long block assembly consisting of block and heads fitted with the following bolt on items

- Front gear housing
- Oil cooler
- Valve cover(s)
- Gasket set
- Gear cover and seal
- Thermostat
- Fuel filter assembly
- Turbocharger
- Exhaust manifold
- Oil pan
- Rear cover and seal
- Oil filter assembly
- Water pump
- Crankcase breather
- Thermostat housing
- Complete fuel system
- Damper pulley
- Intake cover and connection
- Air crossover tube if required

### BASIC LONG BLOCK ENGINE:

Base engine consists of a complete remanufactured block fitted with remanufactured cylinder heads. No bolt on items or accessories. No tin wear. No manifolds.



Anticipating needs, meeting demands. Reducing costs.



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