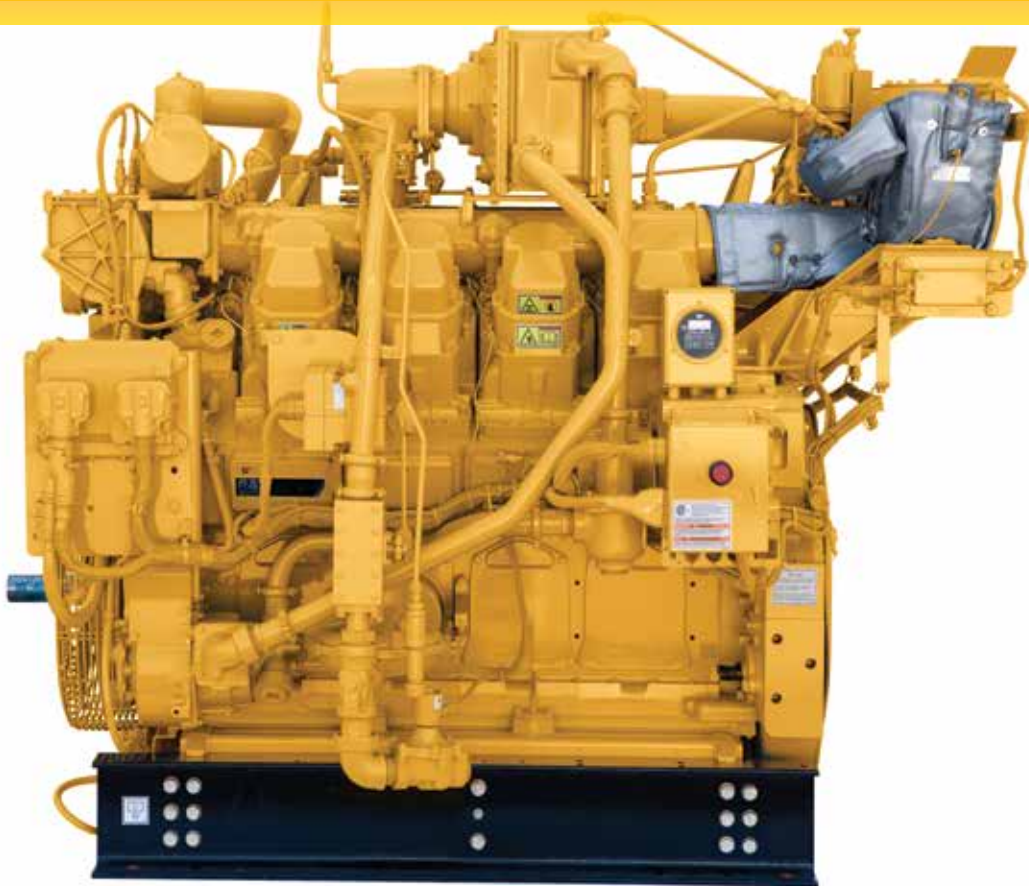


Cat[®] Low Emission Engine Upgrade

For select G3508 LE Petroleum Engines in
Gas Compression Applications



Your Engines.... Today's Emissions Technology.

This upgrade for G3508 LE Petroleum Gas Compression engines offers a solution to take your existing engine and upgrade to a lower emission configuration. This upgrade provides an economical, minimally invasive solution to enable operation at 0.5 or 1.0 g/bhp-hr NO_x levels.

As a world leader in gas engine technology, Caterpillar has responded to the market demand for a lower cost and less invasive solution to meet stringent emission requirements. In addition to the ability to meet tighter emissions standards, the new G3508 Low Emission Upgrade engine retains the same power, altitude capability, fuel tolerance and speed turndown.

Cat Engine Upgrades offer long life and are backed by the standard Caterpillar parts warranty.

Cat[®] G3508 Low Emission Upgrade Benefits

- Capability to meet lower emissions levels
- Proven reliability and durability
- Minimally invasive
- Economical solution
- On-site conversion
- Extends the useful life of existing assets

Genuine Cat[®] engine parts are specifically engineered to assure maximum performance, reliability and durability.



Upgrade Overview

Engine Performance

- Rating remain 670 bhp at 1400 rpm
- Retains altitude and turndown capability

Engine Configuration

- Engine must have ADEM™ A3, Air Fuel Ratio Control (AFRC) and NOx sensor
- Upgrade options are available to reach the requirements above
- Engine must have single turbo configuration.
- Uses the following existing engine connection points
 - Water connections
 - Exhaust

New Components

- Two stage aftercooler
- Turbocharger
- New software (flash file)
- Air cleaner
- Oil cooler
- GSOV (Gas shut off valve)
- Full Authority Fuel Value (allows fuel LHV range 700-2395 btu/scf)

Reliability

- Utilizes existing certified proven parts

Engine Upgrades

Your Cat dealer is available with genuine parts and trained experts to bring your older engine up to the latest technology level, wherever you are in the engine lifecycle.

Product Support Advantage

Guaranteed for fit and function, Cat® parts have the right combination of quality and price with total support from your Cat Authorized Service Location.

Ordering

Your Cat dealer will provide pricing details and confirmation of availability.

For more information, visit http://www.cat.com/en_US/products/new/by-industry/oil-and-gas/product-support.html today.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.

BUILT FOR IT.™

