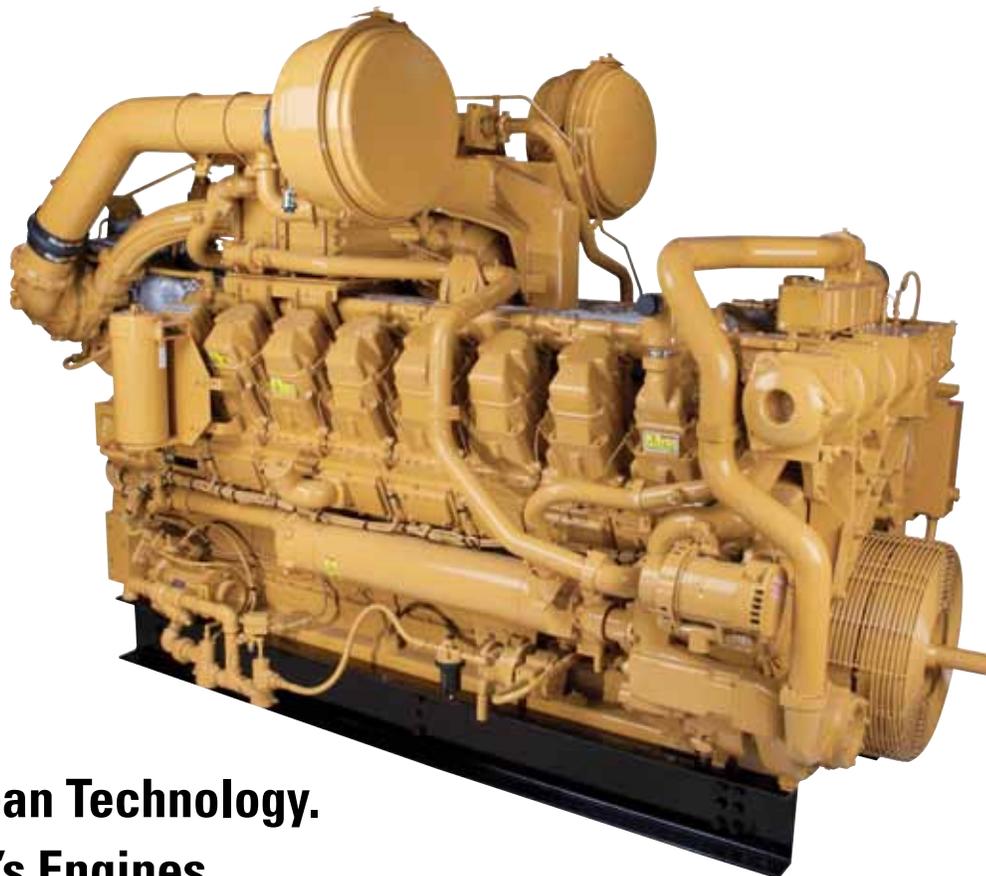


Cat[®] G3500 Ultra Lean Burn (ULB) Engine Upgrade

For Petroleum Gas Engines (G3508, G3512, and G3516)



Today's Lean Technology. Yesterday's Engines.

This upgrade for Gas Compression application G3508, G3512, and G3516 Petroleum engines offers a solution to take your existing engine and upgrade to ULB technology. This latest proven technology utilizes state of the art ADEM III technology, Mass Flow Air Fuel Ratio Control, and NOx sensors to operate at not-to-exceed 0.5 or 1.0 g/bHp-Hr NOx levels with higher altitude capability throughout the total speed range.

This upgrade, when completed at time of overhaul, offers a complete solution to extend the service life of your engine and improve sustainability.

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

Cat ULB Engine Upgrades offer:

- Lower environmental impact
- Higher return on investment
- Lower operating costs
- Higher workforce efficiency
- More horsepower
- Elimination of heat-related component life issues
- Meet NOx levels without additional aftertreatment
- Installation flexibility
- Exceptional life with Genuine CAT[®] parts
- Improved efficiency and altitude capability

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



Cat® Engine ULB Upgrade for G3508 , G3512, and G3516 Petroleum Engines

Engine ULB Upgrade Features and Benefits

Lower Emissions

- Not-to-exceed 0.5 or 1.0 g/bHp-Hr NOx level technology for compliance in critical operating areas
- ADEM III with ULB Software and Mass Flow Air Fuel Ratio Control
 - Optimized performance
 - Critical combustion and efficiency control
 - NOx Sensors provide superior control over O2 sensors

Lower Cost of Ownership

- Increased horsepower
- Improved fuel efficiency
- Operates on a variety of different fuel qualities
- Extended component life
- No NOx aftertreatment necessary
- Additional altitude capabilities increases fleet flexibility

Improved diagnostic capability

- Remote Advisory Panel (if equipped)
- Enhanced diagnostics
- User-friendly display and configuration of engine parameters as well as the NOx sensor output
- Enhanced troubleshooting and tuning capability

Improved Sustainability

- Lower emissions
- Improved fuel efficiencies

Engine Upgrades

When choosing to upgrade your engine, you have many factors to consider. With one simple option, you can bring your older engine up to the latest technology level to improve operating efficiencies, including lower operating costs, improved fleet flexibility, and increased sustainability.

Advantage

Guaranteed for fit and function, Genuine Cat Parts offer the right combination of quality and price for your commercial engine. Coupled with a world class dealer service network, Caterpillar and Cat dealers provide something that can't be matched... total parts and service support.

Ordering

Please contact your Caterpillar Dealer for details and confirmation of availability. They will help you make an informed decision.

Pricing

Please contact your Caterpillar Dealer for current pricing or special pricing that may be available.

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.

