Today’s Technology. Yesterday’s Engines.

Cat® Performance Upgrade Kits for select Marine 3500 engines offer significant benefits for your next overhaul.

- Kit includes proven system parts required to convert from a mechanical to electronic injection control system
- Estimated average rated speed fuel savings of 4%; sometimes exceeding 9%
- Provides improved acceleration and load acceptance
- Reduces vibration and noise
- Improves diagnostic and display capability
- Provides exceptional life with Genuine Cat® parts

**Bottom Line:** Performance upgrade kits can achieve a return on investment well before the first major overhaul, and offer significant on-going savings.
Impact on Your Business

Fuel Savings
- Average fuel savings of 4%; sometimes exceeding 9%
- Estimated return on investment possible in less than 9000 hours; potentially less than 3000 hours
- Significant on-going fuel savings

Performance and Features
- Improved acceleration and load acceptance
- Turbocharger optimized for engine efficiency
- No negative impact on horsepower; some increases
- Less vibration and noise
- Improved diagnostic capability
- Live messages and alarms
- Optional user configured display (real time information)

Investment
- Achieves fuel savings without the cost of removing and replacing the engine
- Can be implemented during a scheduled major overhaul

Sustainability
- Decreased fuel consumption leads to a reduction in greenhouse gases like Carbon Dioxide

For additional information including testimonials refer to: www.cat.com/EmissionsSolutions

How it works
Installation of the Cat® Performance Upgrade Kits can be accomplished in hull without major modifications to the vessel, and the kit design simplifies the process. The primary components are listed below.

Electronic Control
Camshafts
Cylinder Heads
Water Lines
Exhaust Manifold
Turbo Oil Lines
Oil, Fuel, & Air Lines

Aftercooler
Valve Mechanisms
Cylinder Packs
Flywheel Housing
Fuel Injectors
Heat Shields*
Turbocharger
Wiring

Applicability
Solutions apply to many 3508, 3512, and 3516 marine engines. Consult with your Cat® Dealer for application requirements.

*ordered separately

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 keeps your entire fleet up and running to maximize your equipment investment.