

13% Increase in Fuel Economy and 1200% ROI for Construction Fleet in Pacific Northwest with EGS BOOST



“The fuel economy improvement is great, but just as important for us is improving the reliability of our operations and fueling equipment. Eliminating the water is huge!”
 – *Supervisory Technician, Fleet Maintenance Division*

OVERVIEW

- A large construction fleet in the U.S. using EGS BOOST Diesel Fuel Supplement in all vehicles.

CHALLENGE

- Maximize fuel economy to alleviate operational costs.
- Improve the reliability of operations and fueling equipment.
- Reduce the presence of water in fuel tanks

EGS SOLUTION

- Nine (9) types of vehicles, both on-road and off-road were tested
- EGS BOOST was tested for a period of four (4) weeks with drivers keeping manual logs of mileage and fueling history.
- Additionally, to ensure quality, the fleet tests several vehicles each month.

RESULTS

- The fleet manager reported that as a result of use of EGS BOOST, fleet-wide average fuel economy has improved by 13 % over the pre-test baseline.
- Results for three Ready-Mix trucks are shown to the right and indicate an improvement between 21% to 35% over the baseline.
- The fleet also reports a reduction of water in the fuel tanks, monitored electronically.
- Less water in the tank means bacteria problems are abated and fuel filter replacements are now back to normal PM cycle.

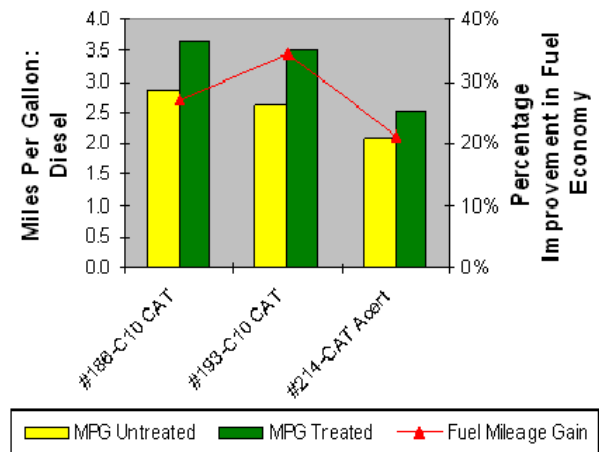
CONCLUSION

- Considering all benefits delivered, the fleet technician calculates return on investment is in excess of 1200%.
- Following testing, the fleet began using EGS BOOST in all vehicles. EGS BOOST is premixed at the rack.

A construction fleet located in the U.S. Pacific Northwest operates more than 100 Ready Mix vehicles, 100 other heavy on-road vehicles, and 1000+ off-road vehicles. They run Cummins and Caterpillar engines, and much of the on-road fleet is configured for extended weight, up to 105,000 pounds.

Beginning in 2008 fleet managers sought a fleet-wide fuel economy improvement approaching 10-percent. To minimize monitoring requirements, they desired to reach this target without requiring changes in driver practices.

FUEL SAVINGS USING EGS BOOST



Advanced Science for any moving part.

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