

ECO Systems- Fuel Enhancer Test Report

BBB Rating & Accreditation



- Lowers Emissions
- Improves Performance
- Fuel consumption Reduction
- Lowers Maintenance Cost
- Helps the World Breathe Easier
- NO maintenance, NO consumables are required.



Overview



Supplier:	Better Emissions Company (BEC)
Fleet Owner:	DRILLWELL Energy Services
Work Scope:	<p>DRILLWELL from Texas, USA has entered the ECO Systems' Pilot Program in November 2022. DRILLWELL requested to install and test on 2 Kenworth trucks and scheduled installation from 6th of Nov 2022. BEC commenced the installation on schedule for a total of two Kenworth trucks.</p> <p>Vehicle type: Kenworth truck with Cummins X15 engine</p> <p>Testing Period: Nov 7th, 2022 – Dec 7th, 2022</p>
Type of ECO Unit tested:	ECO# 5

Vehicle information:



Fleet owner	Vehicle/Model	Vehicle No.	Engine Petrol/Diesel	Engine Type	ECO Systems
DRILLWELL	Kenworth	114	Diesel 550HP	Cummins X15/2023	ECO#5
		113	Diesel 550HP	Cummins X15/2023	ECO#5



Installation Photo's



The ECO#5 is illustrated and installed in the middle of the primary and secondary fuel filter

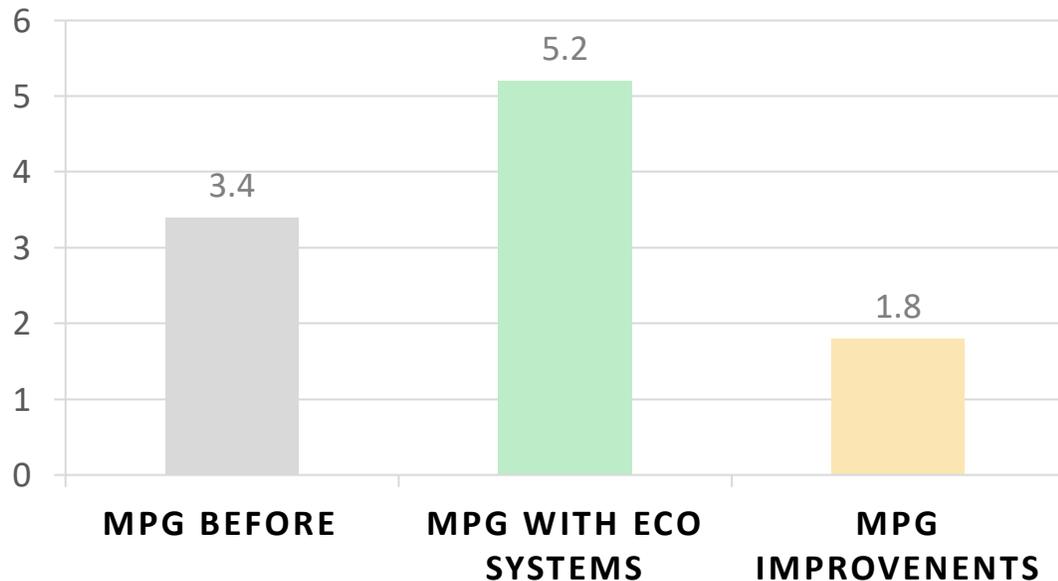


Fuel Consumption result: Kenworth, Cummins X15

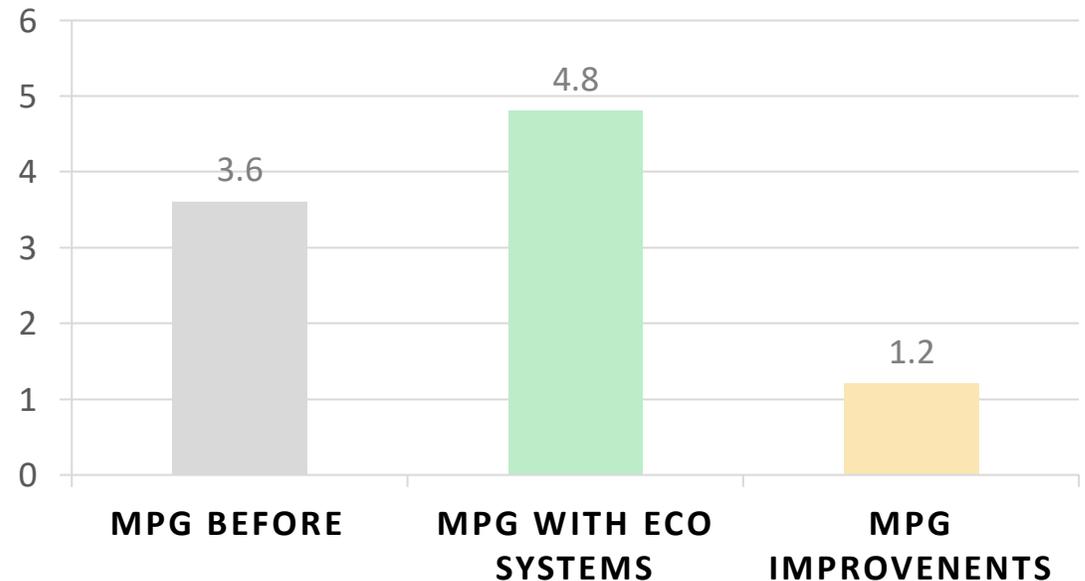


Truck	MPG before	MPG with ECO Systems	%Δ MPG Improvements
Kenworth, Cummins X15 Truck #1	3.4 mpg	5.2 mpg	1.8 mpg
Kenworth, Cummins X15 Truck #2	3.6 mpg	4.8 mpg	1.2 mpg

TRUCK#1



TRUCK#2



EXECUTIVE SUMMARY:



Summary:

- **Fuel consumption:** The fuel consumption of the 2 trucks **before** installing ECO Systems was **3.4 and 3.6 MPG** respectively. The reason for such low MPG was due to high idle time of these trucks at the oil fields.
- The fuel report after installing ECO Systems showed significant ***increase of 1.2 and 1.8 MPG respectively*** within the 1st first month and still maintaining the same MPG's on all its truck fleet with ECO Systems to date (14th June 2023).

- **Regen:**

Before installing ECO Systems, truck No.113 used to Regen **3-4 times a day**, due to high idle time whilst after installing ECO Systems, it only Regens **once in every 4 days**.

Truck No.114 also had +60% reduction in Regens.

Feedback from the Maintenance/ Fleet Manager, Eric Martinez:

- Engine noise is much smoother due to complete fuel combustion with ECO Systems
- **1.2 to 1.8 MPG** increase compared to before
- My own Ford F-350 truck with ECO 4 has an MPG increase from **16 to 18.2 MPG**
- Difference/Improvement on MPG is realized within the first week
- We have installed ECO Systems on 7 Kenworth and 5 Ford trucks in our fleet



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Date: 29th of May 2023

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Date: 14th of June 2023

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