

CUSTOMER RESULTS – MJD GROUP



CUSTOMER PROFILE

MJD Group are establishing themselves as one of the leaders in Scope 1 reduction within the UK logistics arena.

This includes the introduction of Green Biofuels and Road Gas, and now Engine Carbon Clean.

The team at MJD Group have embraced innovation, trialed & implemented cost and carbon savings solutions, to increase profitability and reduce Scope 1 emissions, and in turn, their customers Scope 3 emissions.

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FLEET OVERVIEW

MJD Group operates a fleet of over 90 HGVs in the UK.

- Average mileage is around 60,000 per annum
- Fleet is made up of multi vendor tractor units
 - Proactive approach to GHG emissions
- Vehicles average around 8.50 MPG before cleaning
 - Results are based on a six-month trial
 - CO₂ emissions are taken at idle
 - Tested vehicles run on diesel

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THE PROCESS

During the six-month trial, the two vehicles were Engine Carbon Cleaned four times, with a minimum of five thousand mile travelled between cleans.

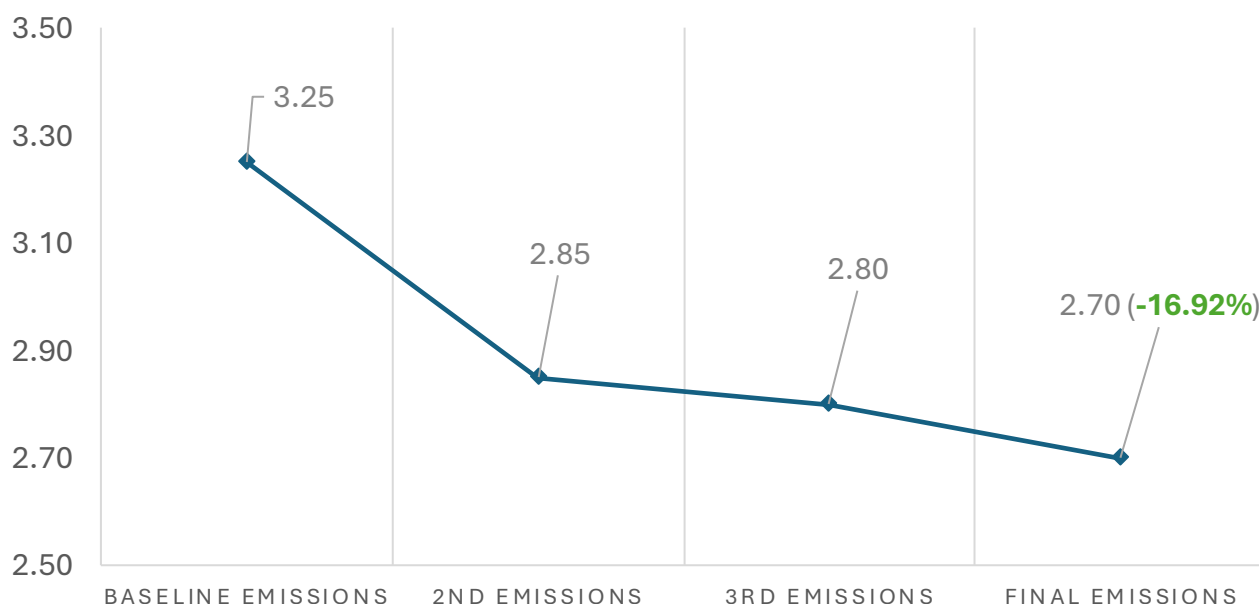
To show the effects of the cleaning process at idle, before each clean the vehicles CO₂ emissions were recorded.

For a more complete understanding of the fuel reductions, the telematics data was process to show real-world results.

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CO₂% EMISSIONS

— Average from two vehicles RESULTS TAKEN AT IDLE



THE RESULTS

The average CO₂ reduction from the two trial vehicles was recorded at **-16.92% CO₂**

Based on the at idle data, the Engine Carbon Clean process has achieved its target of between 7% to 10% of CO₂ & fuel savings based on the customer's own telematics data.

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CUSTOMER TELEMATICS DATA

The final telematics data from the two trial vehicles
shows Engine Carbon Clean achieved
over 7.15% fuel reduction in a real-world daily use.

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FUEL & CARBON SAVINGS FORECAST

When the same 7.15% fuel reduction is applied to a fleet size of 100 tractor HGVs, Engine Carbon Clean could annually save

582 TONNES OF CARBON

Supporting Scope 1 savings on company's assets today.

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ENGINE CARBON CLEAN – AN AHT COMPANY

NEXT STEPS

We predict the fuel savings will increase to above 8% as per the trends with our other road logistics customers.

The increased savings would be identified in a larger six-month trial to the whole of the MJD Group fleet of 90+ HGVs.

For more information please contact Daniel Sturgeon.

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