



ENGINE CARBON CLEAN SERVICE



Improving Emissions, Maintenance and Performance for Heavy Machinery and Power Generators

As part of regular machinery and power generator maintenance, our innovative Engine Carbon Clean service uses the latest hydrogen technology to revitalise each engine with immediate, noticeable, and long lasting results.

EMISSIONS

The Engine Carbon Clean service significantly reduces harmful emissions and can also help to achieve MOT emission test levels.

POWER AND PERFORMANCE

Removing carbon from the engine will allow for restored power and a smoother performance, as well as a quieter engine.

FUEL EFFICIENCY

Carbon build-up in the engine can dramatically reduce fuel efficiency. Removing the carbon using the Engine Carbon Clean service will help reverse this process thereby improving fuel consumption. Most customers are experiencing an improvement in MPG and lower fuel bills.

ENGINE COMPONENTS

Carbon build-up leads to potentially expensive issues such as EGR valves, DPF filters, turbo issues, inlet manifold & injector problems. These may all be helped by the service if due to carbonisation, and then prevented from recurring through regular cleaning.

What our Customers say...

"The JCB unit measurements showed a reduction of over 50% in the Peak Opacity after the carbon clean, this tallied with a reduction on the CO and CO2 readings, while the NOX readings were reduced to zero after the clean. The vehicle was noticeably quieter at the end of the cleaning process."

Independent Witness Report by Fishbone Solutions, April 2014



How does the Engine Carbon Clean service work?

1. The unit is connected to the engine's air intake pipe.
2. A small amount of hydrogen is injected while the engine runs for approx. 1 hour (depending on engine size)
3. The entire inlet system, cylinder head and exhaust manifold are cleansed without any interference or damage to the engine.
4. The unit is safely disconnected and the vehicle is ready to be driven.

Key Benefits:

- ⚙️ Effects are immediate
- ⚙️ Safe and easy to use
- ⚙️ Uses only tap water
- ⚙️ No chemicals or additives used
- ⚙️ Environmentally safe
- ⚙️ Total green technology
- ⚙️ No dismantling of any engine parts
- ⚙️ CE marked product with full insurance

The service is suitable for any sized engine, petrol or diesel:

- ⚙️ Commercial Vehicles ⚙️ HGVs ⚙️ Plant Machinery ⚙️ Rail ⚙️ Power Generators



“From the trial, the results showed that all 3 vehicles benefited from the h2gogo Engine Carbon Clean and all had marked reductions in emissions, most notably the Panther, which before the hydrogen treatment would have failed its Mandatory Equipment Inspection (MEI) due to high CO2 emissions. Savings can be achieved through reduced fuel consumption, but also through reduction in the quantity and regularity of deep maintenance periods and reduction in engine maintenance hours.”



Ministry
of Defence

**Ministry Of Defence -
official independent
test results, June 2014**

For more information, contact us on **+44 (0)1494 817174**
or visit **www.enginecarbonclean.com**