

XEAMOS

DPF Cleaning

Reducing emissions together



Yachting

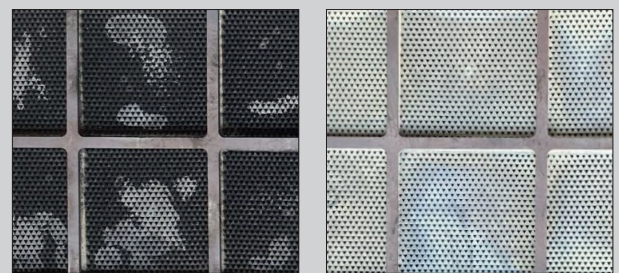
Diesel Particulate Filter Cleaning

Guaranteed performance of your DPF by our professional cleaning service.

A Diesel Particulate Filter (DPF) filter stores all solid residues (particles) that come along with the exhaust gas from a diesel engine. These particles are trapped in the porous wall elements of the DPF. During a regeneration process, the majority of the particles are transformed into gaseous exhaust gas. What remains in the DPF are so called ashes.

From time to time the ashes need to be removed in order to keep back pressure low, and to prevent damage (clogging, sintering) of the DPF. Preventive cleaning will increase the durability of the DPF and saves costs, while there will be no need to re-invest in a new DPF element.

'To ensure durability and save costs we introduce our XEAMOS DPF Cleaning Service'



Before cleaning

After cleaning

Both contractual cleaning and/or on demand cleaning of the DPF can be offered, at XEAMOS we offer a world-wide logistic pick-up service. Once arrived in our facility, we inspect, dry-clean and test the DPF, and finally our logistic service returns your DPF back to the customer, ready for re-installation. At XEAMOS you always get your own DPF returned, no exchange or substitute.

All filters are recorded by serial number in our database with the associated test results stored before and after cleaning.

The XEAMOS DPF Cleaning process in detail

After a complete inspection of the DPF's on any defect and lack of performance, the cleaning process starts by use of a DPF cleaning machine. In this machine cleaning is performed by multiple air nozzles and a thermal regeneration process.

During these processes performance measurements are automatically stored and a complete report is generated of all performance indicators, including multiple pictures.

Why DPF preventive cleaning

- Improved Performance
- Increased lifetime
- Cost savings

What can you expect from us?

- After treatment & Yacht Application knowledge
- Thorough DPF inspection & performance measurements
- Specific designed DPF cleaning machinery
- Report with test results and pictures

Our 10 step professional cleaning process:

1. Register of client/owner, serial numbers of the DPF's.
2. Inspect and test each DPF independently on air flow and weight using the Air Flow Test Bench; record any defect, record damage and test results in our database.
3. Perform first pneumatic cleaning of DPF, using a full automatic Pneumatic Cleaner with upper and lower air jets to clean both ends of the DPF. During the cleaning process there is also a built in filter failure prediction, any potential defects will be recorded in the database.
4. Second stage, the DPF will be tested again on air flow and weight. By comparing the results with a pre-defined matrix it receives a Green, Orange or Red Tag.

5. Only DPF receiving a Green Tag will go for re-pack and will be returned to the customer.
6. Orange Tag we will send the DPF filters back with the note to replace them by the next cleaning intervention. Red Tag we will not send the DPF filters back, for us the DPF filter is not usable anymore.
7. After this stage a second step of pneumatic cleaning is executed in order to blow out ash that was formed during the thermal process.
8. In next step we test, compare, and record results of the filter again and conclude the final status. In case a DPF will be tagged with a Red Tag it means the DPF is not cleanable. In that situation we will offer you a new DPF.
9. All test results and pictures of the DPF's will be saved in our database and are available for our customer.
10. When the DPF's are clean, they will be equipped with a new gasket surrounding to secure the density so all exhaust flow will go through the DPF's. Finally, the filters will be repacked and returned to the customer.

More information or plan your DPF cleaning?

Call us: +31(0)85 822 7022

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