

ClearAir - particulate filter

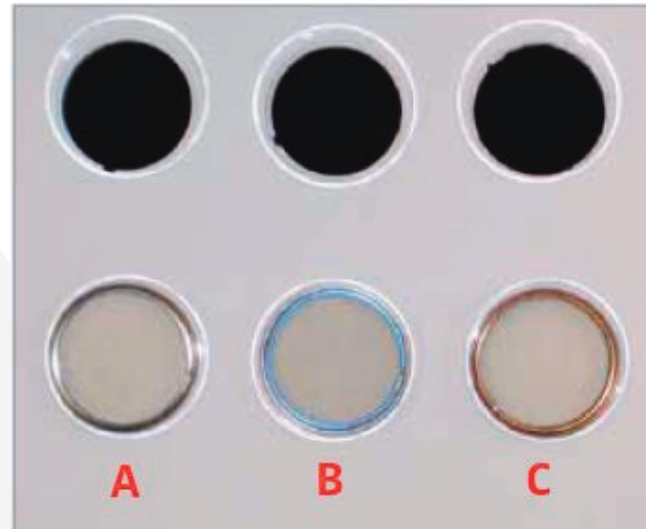
Using the self-cleaning ClearAir particulate filter, the soot emissions in the operation of diesel engines can be reduced by 99.9%. The patented method which the soot particles are ejected and sent through the afterburner, makes this reduction possible.

Another advantage of this technique is the maintenance of the filter, it automatically cleans itself. This makes the regular exchange or maintenance of the filter unnecessary.

TÜV Rheinland confirmed that both under load, a reduction in emissions is achieved by 99.9% in idle mode.

Advantages of the ClearAir technique:

- Accessories are also available to rent
- Massive emission reduction at all performance conditions
- Maintenance-free



The top row shows the filter soot emissions in conventional units; measured soot concentration 43.4 mg/m^3 .

The bottom row shows the filter soot emissions with use of ClearAir particulate filter; measured soot concentration of $<0.01 \text{ mg/m}^3$.

Measurements: TÜV Rheinland
(A bei 25% load; B bei 50% load; C bei 100% load)

