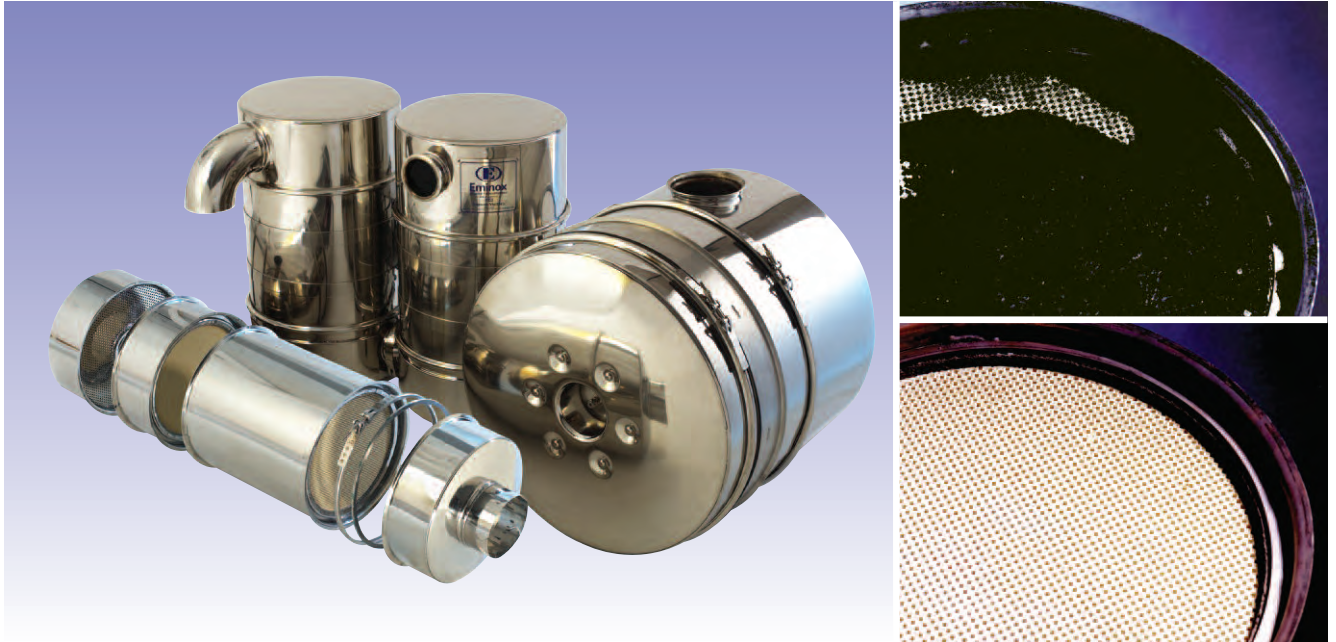


Eminox Filter Reconditioning & Exchange

Maintaining Eminox systems for optimum performance



The unique design of Eminox CRT[®], FBC and SCRT[®] systems means that the filters are regenerated during normal operation. However, incombustible residues can still build up on the filter, for optimal performance periodic cleaning is necessary to remove incombustible ash and any excess soot. Failure to clean the filter can result in filter blockage, causing build up of soot and ultimately an exothermic reaction which will damage the filter.

Eminox strongly advises regular filter servicing and has developed a specialist cleaning process which rejuvenates the filter for the best possible performance. Filters are professionally reconditioned and their performance tested. This is backed by a 12 month warranty for reconditioned filters. The cleaning process helps maintain the service interval and improves the longevity of the filter.

We offer 3 Filter Service Exchange options which are designed to minimise down time for the operator.

- **Filter Purchase Exchange**

Eminox will supply a filter including gaskets, on receipt of a customer order. When a serviceable used filter is returned, the customer will receive a full credit for the cost of the filter, and is charged only for reconditioning.

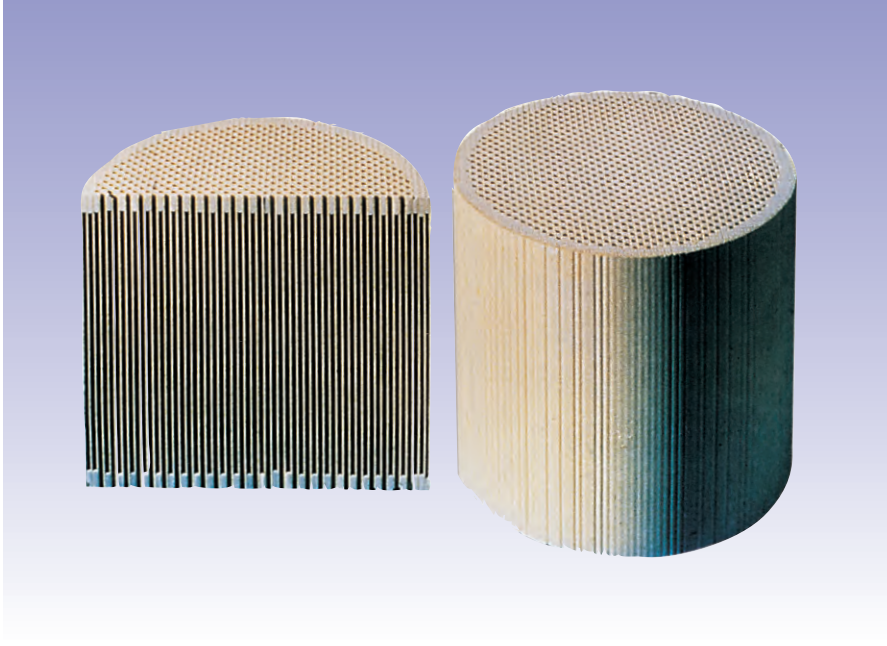
- **Filter Exchange Contract**

Fleet operators can reduce the costs of filter servicing by entering into a competitively priced filter exchange contract with Eminox for their entire fleet.

- **Service Inclusive Contract**

This is an on site service exchange contract where a trained technician will remove the old filter for cleaning, fit a reconditioned filter and replacement gaskets.





Technology

The CRT[®] system significantly reduces exhaust emissions, virtually eliminating Particulate Matter, Hydrocarbons and Carbon Monoxide, the SCRT[®] system additionally reduces Nitrogen Oxides. The specially designed wall flow filter is continuously regenerated by an oxidation reaction, which takes place at normal exhaust temperatures. The FBC system also reduces particulate matter, it uses a silicon carbide filter in combination with a catalytic additive to regenerate the filter. However, this regeneration cannot remove all residues, build up of incombustible residues from the lube oil will occur over time. On light duty cycles, the low temperature can also lead to build up of soot.

Eminox systems are available with an ESI (Electronic Service Indicator) which monitors system performance and alerts the operator when the filter needs cleaning. This is achieved by monitoring back pressure increases which result from a build up of residues in the filter.

Advantages

- A clean filter ensures optimal CRT[®] FBC and SCRT[®] filter performance
- Regular filter cleaning can avoid expensive filter damage.
- Filter life is extended.
- The filter is professionally reconditioned and tested at an Eminox Filter Service Centre
- Filter Exchange Schemes ensure minimal downtime.



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