

Wärtsilä Delta cleaner

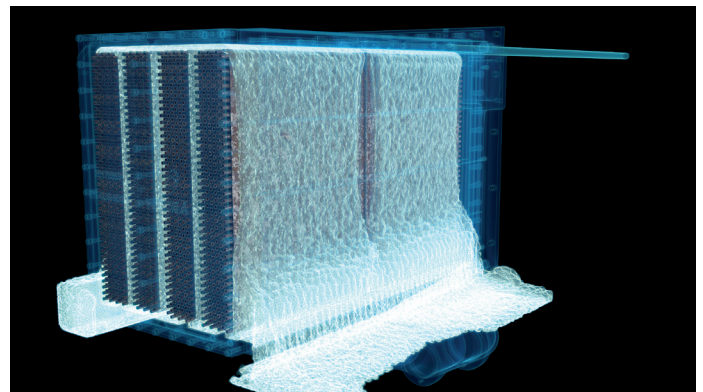


The Wärtsilä Delta cleaner enables cleaning of the charge air cooler without removing it from the engine. The cooler is cleaned by injecting foam generated in the cleaning unit. The method is faster and enables more frequent washing, leading to lower specific fuel oil consumption (SFOC).

The Wärtsilä Delta cleaner is an ideal solution for marine and power plant customers operating with Wärtsilä 46 and Wärtsilä 50 engines. The cleaner provides a safe, economical and flexible solution for charge air cooler cleaning.

BENEFITS

- Reduced downtime; the cleaning is easier and faster because the cooler does not need to be detached from the engine.
- No risk of damaging the cooler during the cleaning.
- Reduced SFOC because the differential pressure is kept at an optimal level.
- The same unit can be used on all Wärtsilä engines charge air coolers which are modified to Wärtsilä Delta cleaner operation.
- The lifetime of the coolers is increased.
- Reasonable payback time on the investment.



the inside out. After passing through the cooler fins, the foam turns into a watery liquid which then drains out.

The cleaning time of one cooler is approximately one hour using the Wärtsilä Delta cleaner.

The Wärtsilä Delta cleaner requires modification of the original cooler design, therefore it can be delivered only for coolers installed originally by Wärtsilä.

TECHNICAL CONCEPT

The Wärtsilä Delta cleaner cleans the coolers while they remain installed in the engine. The cooler is cleaned with foam generated in the cleaning unit. The cleaning unit is available both as a fixed and mobile version. The foam is led into the cooler through pipes and hoses, penetrating the cooler from

THE STANDARD DELIVERY INCLUDES:

- The Wärtsilä Delta cleaner unit
- Washing chemicals
- Cooler and cooler housing modifications
- Valves and hoses
- Commissioning of the unit
- Operating manual with spare part numbers.