

# Kelvion



## Kelvion Service

# OUR SERVICE FOR CHARGE AIR COOLER



## EXTEND LIFETIME | PREVENT DOWNTIME

As part of marine, off-road and stationary diesel and gas engines charge air coolers have to perform particularly heavy duties. Over time pollutants in the air or gas mixture can cause corrosion and accumulation of deposits in the tubes. This can lead to pressure loss that can damage the turbocharger and cylinder in the engine room and also lead to water leakage. Regular servicing will extend the lifetime as well as prevent downtime of the engines. The Kelvion Service includes cleaning and testing, recoiling, repairs, leak detection, and reverse engineering of this critical component in the engine, and keeps your application running smoothly.

### ALL BRAND SERVICE

Besides being experts in our own products and our former brands, we also have the expertise to service other brands.

## YOUR TOP 5 CHALLENGES



**AVOID UNSCHEDULED DOWNTIME**



**PREVENT CAPEX INVESTMENTS**



**INCREASE PROCESS EFFICIENCY**



**MANAGE THE VARIETY OF BRANDS**



**HAVING THE RIGHT MAINTENANCE SKILLS**

# SERVICE PORTFOLIO – CHARGE AIR COOLER



## START-UP & ONSITE SERVICES

- ▶ Assistance to assembly and disassembly, shipping and transport
- ▶ Supervision of installation by Kelvion experts



## SPARE PARTS & SPARE PART SOLUTIONS

- ▶ Spare parts
- ▶ Cleaning brushes
- ▶ Service kits



## UPGRADES & REPLACEMENTS

- ▶ Modifications and replacements of Kelvion and non-Kelvion products



## REPAIRS, OVERHAULS & MAINTENANCE

- ▶ Complete overhaul, repair or new production
- ▶ Renewal of corrosion protection and exterior painting
- ▶ Internal cleaning of the tube and shell side
- ▶ Cleaning (high pressure, chemical) of Kelvion and non-Kelvion products

- ▶ Brush cleaning tube side including documentation of results
- ▶ Pressure testing with 3.1 certificate



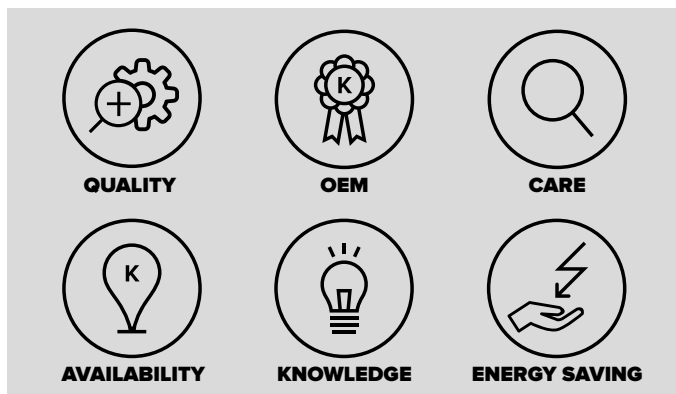
## MONITORING, CONSULTING & TRAINING

- ▶ Examination and assessment of operating conditions
- ▶ Endoscopic examination of tube side regarding pollution, corrosion and erosion
- ▶ Examination of fin side regarding pollution, corrosion and erosion
- ▶ Analysis of water and other product samples
- ▶ Investigation of corrosion problems (destructive testing and sample analysis with specialists)
- ▶ Assessment of deposits or corrosion products which may possibly occur on the tube side
- ▶ General visual inspection and documentation of results
- ▶ Pressure test (tube and gas side)
- ▶ Repeating pressure tests acc. to PED / DVGW (category I+II) and PED / DVGW (category III+IV, Kelvion together with 3rd party)

## QUALITY & RELIABILITY FROM SPECIALISTS

Kelvion is the original equipment manufacturer of charge air coolers (intercoolers) for most engines operating in the field. With Kelvion heat exchangers you can be sure of having identical units and guaranteed sizing, cooling capacity, spare parts, and performance based on the original thermal and mechanical data available only to the OEM. Kelvion is also able to clean, test and recoil the units to extend the lifetime of the heat exchanger even further.

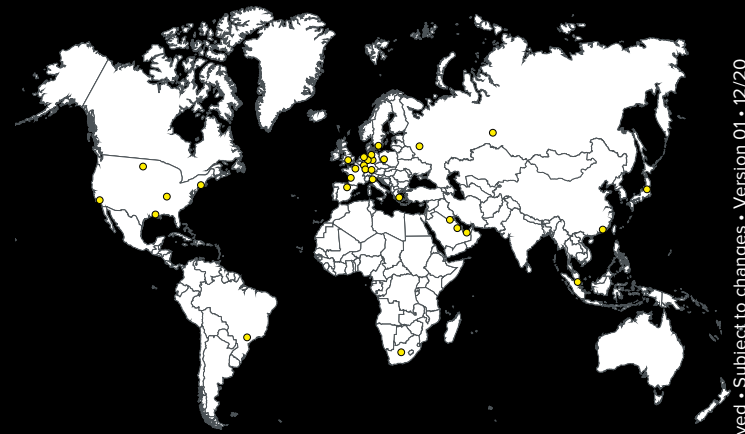
## OUR ADDED VALUE



[www.kelvion.com](http://www.kelvion.com)

## MORE THAN 30 SERVICE LOCATIONS WORLDWIDE

The Kelvion Service starts from our first contact with you and continues after your order has been delivered, with us as your reliable service partner. With many years of experience in the field of service management, along with our service centers worldwide, we can guarantee the satisfaction of our customers.



+ (800) 53587378 (Please dial UIFN international access code)



[service@kelvion.com](mailto:service@kelvion.com)



[www.kelvion.com/service](http://www.kelvion.com/service)