

Oil cooler repair and protection

ID: 9615

Industry: Heating, Ventilation & Air Conditioning

Customer Location: Slovakia

Application: HEX-Heat Exchangers

Application Date: July 2018

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1341 (Supermetalgilde)

Problem

Due to severe corrosion and erosion, the tube sheet and lid were damaged.



Heavily damaged exchanger cover



The repair was done using cork plugs.



Repaired and protected cover.

Application Situation

The oil cooler used for many years became inefficient due to damage.

Application Method

Surface blasting to the required Sa 2.5 standard with a minimum 75 µm profile. Plugging the ends of coolers with cork plugs. Filling the tube sheet and cover of the cooler with Belzona 1111 Super Metal. Drilling out the plugs + blasting. Application of Belzona 1341 (2 x) in a total thickness of 500 µm.

Belzona Facts

The repair was done quickly, professionally and with high quality, which the customer appreciated with further orders.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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