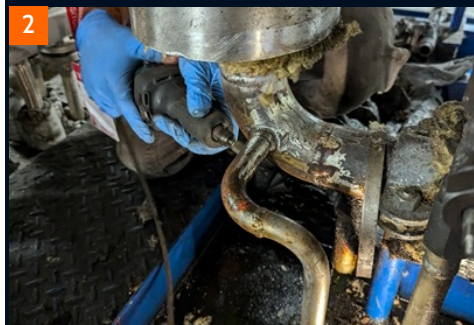


REPAIRING A LEAKY CRACK IN A HOT OIL SYSTEM

ID: 9691



PROBLEM

Customer had a crack in their hot oil system which developed a small leak. The crack was around a 90-degree elbow and during operation, the system will be as hot as 170C (338F) and had a pressure of 40 psi.

APPLICATION SITUATION

The customer had already tried to repair the leak with a different competitor product but with no success. They contacted their trustworthy contractor to see what solution they could offer and they reached us as we had already completed a few repairs for them in the past.

APPLICATION METHOD

The oil was still seeping at the moment of application, so we needed to stem the leak first. Thus, after doing surface preparation we stemmed the leak with Belzona 1221, thanks to its fast-curing properties. Then we proceed to do a few wraps of Belzona 1511 with Belzona 9341.

BELZONA FACTS

The customer was very pleased with the performance of our products. At the beginning he was skeptical because he had tried a similar solution in his eyes without much success. We followed up a month after the repair was completed and the leak was still sealed with the Belzona solution.

INDUSTRY

Chemical & Petrochemical

LOCATION

Guelph, Ontario

APPLICATION DATE

October 2024

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 1511 (Super HT-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Substrate after surface preparation.
2. Sealing with Belzona 1221.
3. Rebuilding with Belzona 1511.
4. Entire area covered with Belzona 1511.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

