

Transformer Fins Leak Repair Using Belzona

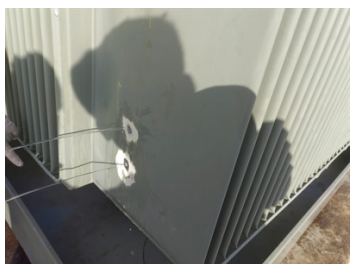
ID: 10167

Industry: Transport
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 1212

Customer Location: Saudi Arabia
Application Date: April 2025

Problem

The customer experienced a leak in one of their oil transformer fins caused by external corrosion. Replacing the fins was not feasible due to the long lead time for new components.



Leakage in the Transformer Fins

Surface Preparation of the Leakage Area

Application of Belzona 1212 with Belzona 9341 Reinforcement Tape

Other Areas Repaired with Belzona 1212 and Belzona 9341

Application Situation

The customer required a temporary repair solution to address leakage from the transformer fins. Replacement fins would not be available for approximately four months, so an interim repair was necessary to control the leak, maintain transformer operation, and prevent further deterioration.

Application Method

The repair was carried out in accordance with Belzona System Leaflet TCC-1:

1. The leaking area on the transformer fin was thoroughly cleaned and abraded using power tools.
2. Belzona 1212 with 9341 reinforcement sheet was applied to restore the surface and stop the leak.

Belzona Facts

The maintenance engineer has used Belzona multiple times on various equipment and machinery and is very satisfied with the performance of the products. They are also confident in applying Belzona solutions themselves. A follow-up inspection one month after the repair confirmed that the system was operating without any leaks.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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