

# Belzona Repairs a Transformer

ID: 9301

Industry: Power  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Carbon steel  
Products: Belzona 1161 (Super UW-Metal), Belzona 5831 (ST-Barrier), Accessories

Customer Location: Amsterdam  
Application Date: January 2024

## Problem

A large transformer in Amsterdam showed leaks on the flange face of the cover. Since the cover is full of connections and connections, it is not possible to detach the cover and thus replace the gasket.



Transformer to be repaired.



Area of the transformer leaking.



Belzona 1161 applied



Application complete with a coating of Belzona 5831 over the Belzona 1161

## Application Situation

Before the Belzona products can be applied, it is important that the surface is cleaned and roughened. The edges are then sealed with the oil-tolerant paste for metal repair, the Belzona 1161. This is applied in combination with the Belzona 9341 reinforcement sheet.

## Application Method

The repair is finished with Belzona 5831 for extra protection. This epoxy coating for corrosion protection is again oil tolerant. The combination of products used repairs the transformer, in such a way that it will be leak-free for a long time. The application was carried out in accordance with Belzona system leaflet GSS-08.

## Belzona Facts

The transformer is cooled with cooling oil, which does not allow the surface to be completely grease-free. With the Belzona products it is possible to repair the flange face without removing the cover or experiencing problems with the surface.

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

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