

BELZONA SEALS OIL LEAK FROM TRANSFORMER CABLE GLAND

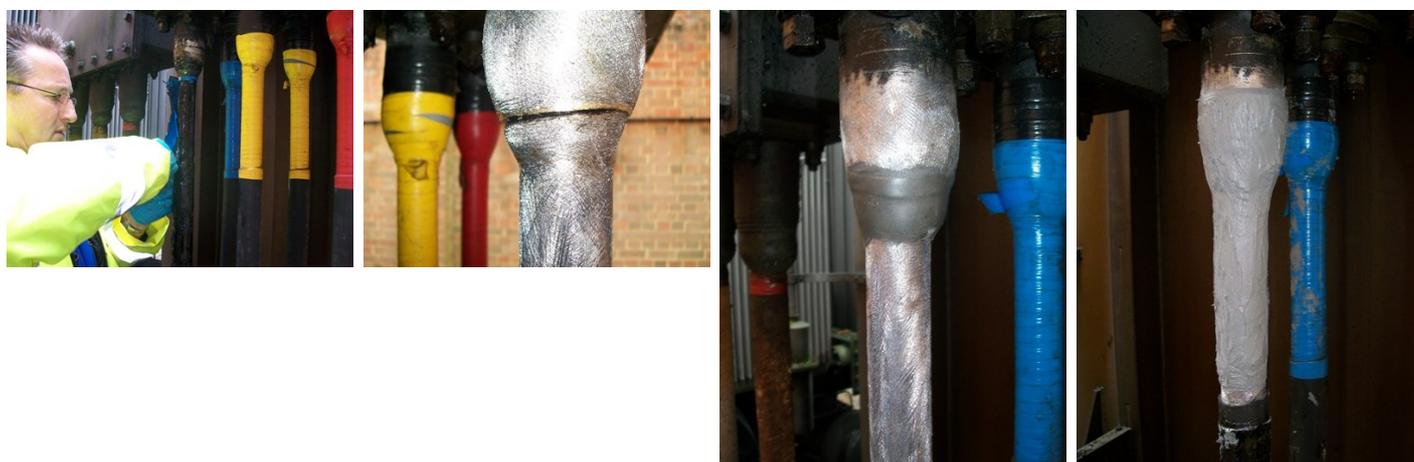
ID: 1642

Industry: Buildings & Structures
Application: CEP-Centrifugal Pumps
Substrate: Lead and steel wire
Products: * Belzona 1291 (ES Metal) ,
* Belzona 1161 (Super UW Metal) ,

Customer Location: International Power Company, UK
Application Date: September 2010

Problem

Due to movement and vibration from the transformer, the lead seal to the cable gland on the blue phase of the 11kV distribution cable had cracked. The cables are oil cooled and oil was leaking through the gland. This had been leaking for many years but due to increased pressure from the Environment Agency on electricity distribution companies to reduce the amount of oil leaked to ground, the Company approached Belzona for assistance.



Photograph Descriptions

- * Leaking cable gland, previous attempts to stop leak had failed. ,
- * Substrate cleaned and prepared making the cracked gland clearly visible. ,
- * Leak stopped using Belzona® 1291 and Tourniquet ,
- * Gland wrapped using Belzona® 1161. ,

Application Situation

33kV/11kV Transformer Cable Gland

Application Method

Application was carried out in accordance with Belzona Know How System Leaflet VPF-11a. Belzona® 1291 used to stem live leak before over-sealing with Belzona® 1161 to create long term oil tight seal.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

The Application formed part of a training session to the Company. After years of oil leaking from the gland, Belzona application stopped the oil leak and without the need for hot works or lengthy shut down.

Due to time restraints, the transformer had to be switched into service preventing smooth finishing of the repair.

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