

Stemming and Sealing High Voltage Transformer Oil Leak

ID: 9344

Industry: Power

Customer Location: Ontario, Canada

Application: MPT-Mechanical Power Transmission

Application Date: July 2023

Substrate: Other

Products: Belzona 1161 (Super UW-Metal), Belzona 5831 (ST-Barrier), Accessories

Problem

Customer was looking for a solution to stem and seal oil leakages from flanges and under the high voltage bushing pockets..



Transformer after surface preparation.



Leaks stemmed and sealed with Belzona 1161



Coating to avoid permeation.

Application Situation

Live oil leak from transformer in different parts required a solution with effective and quick turnaround.

Application Method

Surface was wiped clean using solvent / degreaser and then prepared according to SP11 standards. Surface was wiped clean and leak sealed using Belzona 1161 and 9341. Afterwards, two coats of Belzona 5831 was applied.

Belzona Facts

Surface tolerant were perfect for the application has limited time and equipment are available for surface preparation and application. Customer was happy with result as post application inspections show that the leak was sealed effectively and further protection was enhanced. Post application follow up also show that customer would consider repairing more transformers with our solution due to its effectiveness.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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