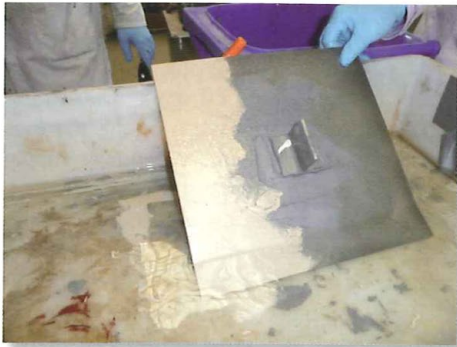


Belzona Launches Underwater & Oil Tolerant Metal Repair Product



Under Water – Belzona 1831 can be applied straight on to wet or oily surfaces and can even be applied underwater in an emergency.

Belzona Polymeric Limited has drawn on its 56 years of expertise in the manufacture of industrial protective coatings and polymer repair composites to launch an exciting new repair solution for applications within oily and damp environments.

Repairs that are normally considered impossible due to oil contamination or surface moisture can now effectively be carried out using this new and innovative repair composite. Belzona 1831 (Super UW-

Metal) is capable of bonding strongly to oily, wet and manually prepared metal substrates and has been particularly successful within the Power Industry.

Gordon Cairns, National Sales Manager for Belzona explains, "The product was initially developed to combat the problems encountered within ageing transmission systems. Many outdoor transformer substations that have been subject to erosion corrosion for over 20 years commonly have oil leakage which leads to breakdown of fins, flanges, valves, seals and pipe work. Where conventional repair composites would be ineffective at stemming these leaks due to the presence of oil, Belzona 1831 (Super UW-Metal) effectively displaces the oil from the surface enabling the repair to take place, with minimal production loss".

A UK electricity distribution company was faced with a potentially high cost maintenance repair due to oil leakage from transformer pipe work. Traditional repairs involving expensive drain down of the oil were considered too costly in terms of lost power supply. Belzona 1831 (Super UW-

Metal) was applied directly onto the leaking pipe work displacing the oil and bonding aggressively to the contaminated surface. To provide long term corrosion protection and prevent further leakage the pipe work was



Description of Attached Image 2 – Under Water
After application to the surface, a brush is used to work the Belzona 1831 mixture onto the surface to disperse surface oil and/or water before building up to the required thickness.

then fully encapsulated in a standard Belzona material. The entire process was carried out in less than two hours which enabled a prompt return to service.