

# Belzona 1321 Titanium Pump Repair

ID: 8104

Industry: Oil & Gas  
Application: CEP-Centrifugal Pumps  
Substrate: Titanium  
Products: \* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Northern Poland  
Application Date: 2019

## Problem

The KSB pumps were typically only lasting 3 months due to significant damage to the titanium substrate operating at a temperature of 60°C. The refinery contacted the local distributor for a Belzona solution to improve longevity of the pump.



## Photograph Descriptions

- \* Picture 1: Close up of damage to substrate. ,
- \* Picture 2: Close up of damage to substrate. ,
- \* Picture 3: Completed Belzoan 1321 Coating. ,

## Application Situation

One of the largest refineries in Poland has significant damage to the titanium substrate of a KSB pump.

## Application Method

The local distributor coated the pump with three layers of Belzona 1321 to extend the working life of the pump and protect the titanium substrate from further damage. The application was completed in accordance with Belzona System Leaflet CEP -01.

## Belzona Facts

Since applying the Belzona 1321 the pumps are now typically lasting 9 months saving the client money on down time and repairing more frequently.

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

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