

# BELZONA SEALS LEAKING OIL PUMP

ID: 1493

**Industry:** Oil & Gas  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Stainless steel  
**Products:** \* Belzona® 1221 (Super E Metal) ,  
\* Belzona® 1161 (Super UW Metal) ,

**Customer Location:** Oil company, Japan  
**Application Date:** January, 2010

## Problem

Oil was leaking from several parts of mechanical seal flanges.



## Photograph Descriptions

- \* Seal area before application ,
- \* Surface preparation completed ,
- \* Application of Belzona® 1221 ,
- \* Application completed ,

## Application Situation

Crude oil pump operating at ambient temperature and 0.05 Mpa pressure.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-11a. Surface was prepared with an MBX Bristle Blaster and initial leaks were temporarily sealed with Belzona® 1221 before permanent sealing with Belzona® 1161.

## Belzona Facts

Traditional repairs needed to take the pump out of service. Use of Belzona allowed the repair to be carried out while the pump continued in operation, leading to significant cost savings.

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  
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