

BELZONA RESOLVES THE RUSTY FLANGE FACE

CUSTOMER

Spokane Valley, WA, USA

APPLICATION DATE

October 2014

APPLICATION SITUATION

Flange face on a pump mounted on a firetruck.

PROBLEM

The firetruck pump sits for periods of time without being used. During this time, water sits against the flange face resulting in rust and a poor surface for the o-ring seal to sit against. This results in a lot of leaking water when the pump gets used.

PRODUCTS

Belzona 1341 (Supermetalgilde)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with a modified Belzona Know-How System Leaflet CEP-10. The surface was prepared with MBX Bristle Blaster. Then the first coat was brushed on as usual. The second coat was brushed on and then a 3/4" rigid plastic former was bolted against the face to form a solid, smooth, clean surface.

BELZONA FACTS

When this flange rusts and begins to leak, the pump has to be taken apart, the flange removed and machined, then re-assembled. This uses both man hours and resources on a regular basis. The amount of Belzona 1341 that was used here was maybe \$10.00 USD and will outlast the original method. Good small jobs lead to bigger ones down the road.

PICTURES

1. Machined flange face
2. Opposing flange face with seal
3. Surface prepared with MBX Bristle Blaster
4. Completed application of Belzona 1341



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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Q 09335
ISO 14001:2004
EMS 509612

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