

# BELZONA EXTENDS LIFE OF PULP BLENDER

ID: 1620

Industry: *Pulp & Paper*

Application: *ENC-Engines and Casings*

Substrate: *Steel*

Products: *\* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1812 (Ceramic Carbide FP) ,*

Customer Location: *Paper mill, Spain*

Application Date: *January 2007*

## Problem

*Pump and bolt threads were severely damaged by the highly abrasive stream of shredded paper pulp flowing through it*



## Photograph Descriptions

- \* Pipe before application ,
- \* Applying Release Agent to the bolts ,
- \* Completed application ,
- \* View of the pipe after 3 &frac12; years service ,

## Application Situation

Outlet pipe of an industrial blender

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets ENC-2 & SHM-11. The casing threads were reformed with Belzona® 1111 using the bolts treated with Belzona Release Agent as formers. The internals of the pipe were lined with Belzona® 1812.

## Belzona Facts

Prior to contacting Belzona, the company had to replace this piece of equipment every 1 or 2 years. An inspection of the Belzona

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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9000 Registered Quality  
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lining 3 ½ years later, in August 2010 showed it was still in place and none of the metal parts were exposed. As a result, the customer asked Belzona for several similar applications.

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