

# BELZONA INSIDE A GEAR BOX

ID: 4

Industry: *Pulp & Paper*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast Iron*  
Products: *\* Belzona® 1341 (Supermetalgilde) ,*

Customer Location: *Paper Mill near the Florida panhandle*  
Application Date: *July 1995*

## Problem

*Corrosion of gear box due to moisture and condensation. Previous internal coatings have failed.*



## Photograph Descriptions

- \* Internal surface of gear box grit blasted for surface preparation. ,
- \* Inside coated with Belzona® 1341 (Supermetalgilde). ,
- \* The lid of the gear box was also coated. ,

## Application Situation

Gear box for pulper tub reducer.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How Leaflet CEP-3.

## Belzona Facts

After 2-1/2 years in service, the Belzona coating is in excellent condition. Saving the gear box housing helps protect its expensive gearing and prevents costly downtime. Two gear boxes were coated.

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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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