

# Belzona Repairs Rubber Gear Casting

ID: 560

Industry: *General Industry*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Cooking vessel manufacturer, Egypt*  
Application Date: *December 2001*

Substrate: *Rubber*  
Products: *\* Belzona® 2131 (D&A Fluid Elastomer),*  
*\* Belzona® 2221 (MP Fluid Elastomer),*

## Problem

*A replacement was needed; gear needed to be cast due to costs and downtime associated with importing a replacement.*



## Photograph Descriptions

- \* The rubber section which needed to be cast ,
- \* Preparing the mold ,
- \* Rubber mold completed ,
- \* The cast gear and the mould ready to cast another new gear ,

## Application Situation

Rubber gear

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-14.

## Belzona Facts

The rubber gear was produced at only 25% of the cost of an imported gear. The mould was also produced using Belzona. The new gear was ready for use in only one day saving significant time over importation.

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  
Management System.

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