

BELZONA SAVES ANIMAL FEED MANUFACTURER

ID: 669

Industry: General Industry

Customer Location: Animal food manufacturer - Missouri
USA

Application: MPT-Mechanical Power Transmission

Application Date: March 2004

Substrate: Steel

Products: * Belzona® 1131 (Bearing Metal),

Problem

With one of two spray dry pumps down, plant production was reduced by half.



Photograph Descriptions

- * Crankshaft ,
- * Close up of scored & repaired bottom journal ,
- * Another close up of the repair ,

Application Situation

Crankshaft was scored due to debris and low oil levels in the sump.

Application Method

Application carried out in accordance with Belzona System Leaflet MPT-9. Belzona® 1131 was hand applied to the scored journal and subsequently hand finished with fine emery.

Belzona Facts

New crankshaft cost: \$55,000 and that was the good news. Bad news: weeks to obtain. Not a recommended application on high

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.

www.belzona.com


BELZONA®
Repair • Protect • Improve

Copyright © Belzona International Limited 2025

speed cranks but highly successful in this application. Since startup, sump was run dry of oil twice with no damage to the Belzona® 1131.

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.

www.belzona.com



Copyright © Belzona International Limited 2025