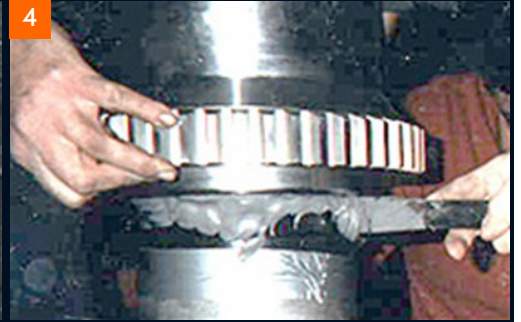


BELZONA KEEPS THIS SPLINE ON THE STRAIGHT AND NARROW

ID: 284



PROBLEM

Wear of the shaft spline due to abrasive contamination as well as misalignment caused excess slop in the drive and eventual failure of the mandril unit.

APPLICATION SITUATION

Planetary gear spline for mandril mill manufacturing pipe.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-5. Belzona® 9411 (Release Agent) was applied to the socket and Belzona® 1111 (Super Metal) was applied to both the socket and spline before mating the two pieces.

BELZONA FACTS

The spline was in perfect condition 5 years later when the mill finally decided to replace the spline coupling.

INDUSTRY

General Industry

LOCATION

Steel manufacturer in USA

APPLICATION DATE

1995

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Steel

PHOTOS

1. The equipment prior to the application
2. Belzona 1111 is being applied to the spline
3. The spline and socket are being mated
4. Excess material is being removed

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

