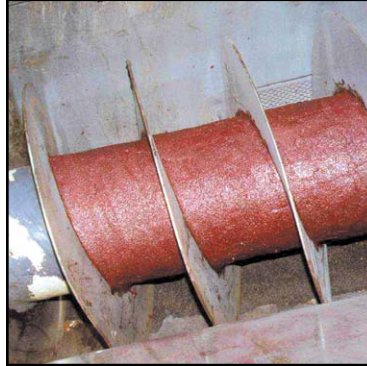


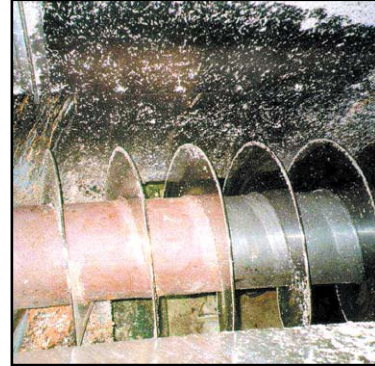
Belzona® 1811 Protects Output Scroll



General view of the equipment



Application completed with Belzona® 1811



View of equipment following a campaign in service

STATISTICS

CUSTOMER

Sugar factory in the United Kingdom

APPLICATION DATE

1999

SUBSTRATE

Carbon steel

PRODUCTS

Belzona® 1811 (Ceramic Carbide)

APPLICATION SITUATION

The cossette scroll located at the diffuser output.

PROBLEM

Extensive abrasion, up to 7.5mm (30 mils), of the existing glass flake coating and the 25mm (1 inch) thick tubular shaft.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-14.

BELZONA FACTS

If abrasive wear had continued, it would have ultimately caused the structural failure of the scroll shaft. By protecting the scroll shaft with a Belzona® abrasion resistant material during the annual outage, only minor sacrificial wear of the product occurred, thereby leaving the substrate undamaged. Unlike an "imitator's" system, the Belzona® protection was found upon inspection at the next outage to be unaffected.