

## BELZONA REPAIR ON 10,000 HP SULZER MARINE DIESEL ENGINE

### CUSTOMER

Shipping company in Ontario, Canada

### APPLICATION DATE

February 2001

### APPLICATION SITUATION

Six cylinder Sulzer Diesel Engine built in 1969.

### PROBLEM

Pitting corrosion on engine block caused o-ring seals to leak.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-5.

### BELZONA FACTS

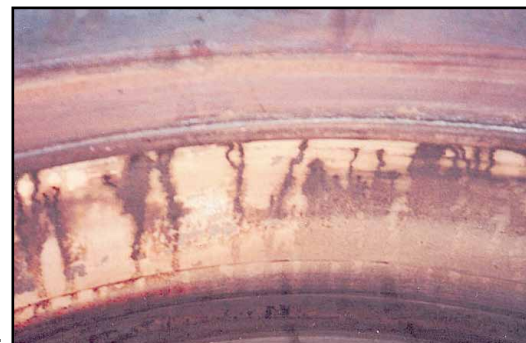
Each cylinder is 36" in diameter, each had three corroded lands about 4" wide. Customer felt conventional weld repairs would have been too risky, and that Belzona was the only viable alternative.

### PICTURES

1. View of Sulzer Engine.
2. Close-up of pitted, corroded area on engine block.
3. Prepared area after machining, before Belzona.
4. View of machined Belzona.



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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