

## BELZONA CAT BLOCK

### CUSTOMER

Heavy equipment engine supplier in Missouri, USA

### APPLICATION DATE

February, 1996

### APPLICATION SITUATION

New six cylinder engine blocks

### PROBLEM

Due to a design flaw in the casting, a drilled oil passageway broke through the side of the engine block.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

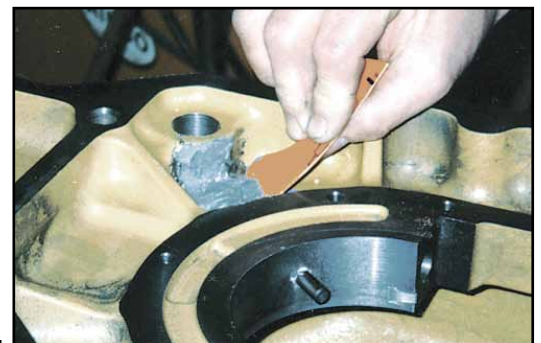
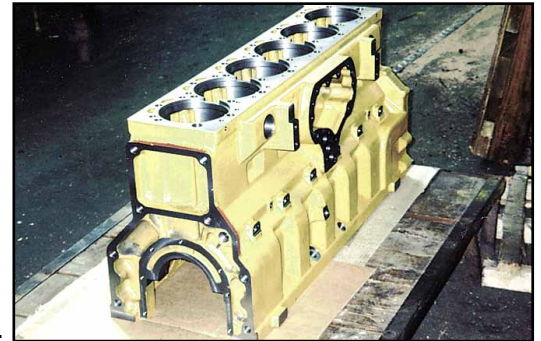
The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-1.

### BELZONA FACTS

Twenty engine blocks were involved, worth over \$4,000 each. Only \$160 worth of Belzona® 1111 was used, saving the plant over \$80,000.

### PICTURES

1. View of the engine block.
2. Close-up of broken out oil passageway.
3. Dowel pin coated with Belzona® 9411 (Release Agent) in place, Belzona® 1111 being applied.



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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9000 Registered Quality  
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