

## Belzona Repair Worn Caterpillar Bulldozer Arms



Caterpillar bulldozer



Close up of the damage



Repair in progress



Finished repair

### STATISTICS

#### CUSTOMER

Separation Mine,  
Skopje, Macedonia

#### APPLICATION DATE

November 2005

#### SUBSTRATE

Mild Steel

#### PRODUCTS

Belzona® 1111  
(Super Metal)

#### APPLICATION SITUATION

Caterpillar Bulldozer bucket arms

#### PROBLEM

The pivot points for the buckets hydraulic rams had become very worn and were no longer serviceable.

#### APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona® Know-How System Leaflet MPT-8.

#### BELZONA FACTS

The Belzona repair was chosen because it was easier, cheaper, and faster than conventional methods (welding or replacement) ensuring that the bulldozer was back into service very much quicker and at a fraction of the cost of replacing the arms.