

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.