

BELZONA EXTENDS THE LIFE OF HYDRAULIC RAMS

CUSTOMER

WA, USA

APPLICATION DATE

1985

APPLICATION SITUATION

Plywood press with scored hydraulic rams.

PROBLEM

Three hydraulic rams had been scored and the loss of oil was so bad that they had built a dam so the oil would drain into a 55 gallon drum. At the end of each shift the oil was pumped back into the reservoir. They had tried repairing the score with another material, but it fell off after one pass.

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-3. The damaged area was so large that a straight edge could not be used. We ground a shoulder following the damage, drilling the corners to keep the edges square.

BELZONA FACTS

Fabricating new rams was so expensive that they were searching for a used plywood press to replace the unit. Still, the cost would be thousands of dollars. Less than \$100.00 of Belzona 1111 along with a half a day's labor saved the plywood press. Thirty years later, the plywood press with the repaired rams is still operating.

PICTURES

1. Plywood press showing damaged hydraulic rams
2. Rams repaired
3. Close up of one repaired ram



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