

CATERPILLAR 631 ENGINE REPAIRED WITH BELZONA

ID: 856



PROBLEM

A previous repair with "Brand X" epoxy failed. The owner took it to his own shop & did the work.

APPLICATION SITUATION

Traces of engine coolant appeared in the lubricating oil test samples indicating erosion in wall of cylinder block

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet ENC-6.

BELZONA FACTS

This is a Caterpillar approved repair for a cavitated engine blocks and has been successfully completed many times on these and Komatsu engines. The Cat dealer declined to do the Belzona repair, claiming that the "brand X" failed repair proved that another such repair couldnt be done & wanted to sell a new engine block.

INDUSTRY

General Industry

LOCATION

Magruder Limestone Company, Troy MO

APPLICATION DATE

June 2007

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Caterpillar 631 engine block
2. Failed "Brand X" repair
3. Prepared surface on 1 of the cylinders showing leaks
4. Completed repair on 1 cylinder

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