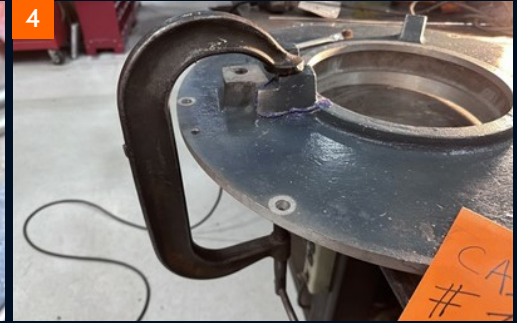


BROKEN CAST ALUMINUM MOTOR COVER REPAIR

ID: 9023



PROBLEM

Part of the cast aluminum motor cover was broken off. Welding, replacement and cold bonding were the options.

APPLICATION SITUATION

Using Belzona 7311 provided the customer with an alternative to welding. The amount of testing data gave the assurance to the customer that the product was the ideal solution for bonding.

APPLICATION METHOD

Mating surfaces were roughened and de-greased. 7311 was brushed into the substrate using a stiff bristled acid brush. Material was built up then broken piece was set in place and clamped during the curing process.

BELZONA FACTS

Welding cast aluminum requires expertise and can weaken the surrounding area. There was a long lead time for a replacement cover which was not acceptable to the customer. Belzona 7311 was selected for its optimal adhesion properties.

INDUSTRY

Marine

LOCATION

Seattle Washington

APPLICATION DATE

March 2023

PRODUCTS

Belzona 7311

SUBSTRATE

Aluminum

PHOTOS

1. Broken Piece
2. Applying 7311 to Cover
3. Applying 7311 to Broken Piece
4. Completed Application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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