

Case Study - Actirox

Details

Industry: Aluminum Casting

VSM Product: VSM Actirox (AK890Y)

Workpiece Material: Aluminum - Auto Parts

Belt Size: 4" x 132"

AK890Y

Challenge

The client was looking to optimize their production and were open to testing new products to find the best fit.

Solution

After testing and analyzing results, the client found the best solution was the VSM Actirox belt. Actirox provided better initial cut rate and the grain on the edge of the belt did not fall off. Additionally, Actirox ground more parts per belt than the leading competitor and did not kick up grit when grinding.

Result

- **Better initial grinding:** VSM removes more metal in the first 30 seconds.
- **Better edgewear:** grains on the edge of the belt did not fall off.
- **Operator feedback:**
 - VSM: 220 parts per belt
 - Competitors: 190 parts per belt
- **Operator feedback:** easier to work with and did not kick up grit in operators face in comparison to the competitor's belt.
- **Cost savings:** 15% thanks to the lifetime of the product.



Maximum stock removal and faster cut thanks to Actirox's geometrically shaped grain

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I didn't have to apply as much pressure with the VSM Actirox belt and it did not kick up grit in my face while grinding. I definitely prefer the VSM belt to the competitor's belt.

-Operator during testing”

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