

Case Study - Actirox

Details

Industry: Transportation/Trucking/Railroad

VSM Product: VSM Actirox (AK890Y)

Workpiece Material: Stainless Steel - Pumps and Valves

Competitor Product: Arc Zirc Plus (R203)

Belt Size: 6" x 78"

AK890Y

Challenge

The client was open to testing new products as they wanted to improve productivity and performance. The Arc Zirc Plus 24 grit belt seemed to fail prematurely on their stainless steel applications.



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

Solution

After testing and reporting on the Arc Zirc Plus 24g versus the VSM Actirox 36g, the VSM Actirox belt outperformed Arc. The Arc belt ground 50 parts while the Actirox belt ground 87 parts—a 74% increase in parts per belt.

74% increase in parts per belt and significant cost savings with VSM Actirox.

Result

- **Significant cost savings:** better price per performance ratio.
- **74% increase in parts per belt:**
 - Arc Zirc Plus: 50
 - VSM Actirox: 87
- **Finer grit, superior results:** better finish and less rework.

Before VSM Actirox



After VSM Actirox



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