

Case Study - Actirox

Details

Industry: Oil

VSM Product: VSM Actirox (AK890Y)

Workpiece Material: Carbon Steel

Competitor Product: Deerfos Bora 6

Belt Size: 8" x 132"

AK890Y

Challenge

The client was using the Deerfos Bora 6, a zirconia alumina grain, but they needed a longer life product for their robotic application on carbon steel.



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

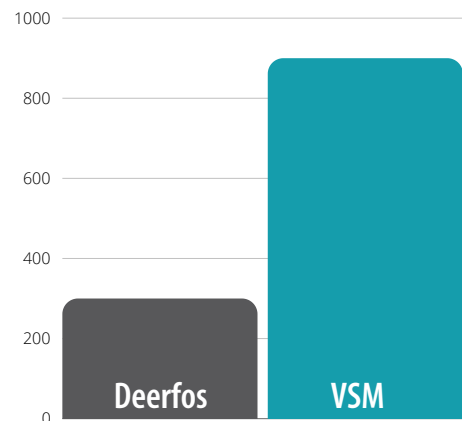
Solution

A ceramic grain belt would be a better option for the client given the application. Therefore, VSM tested the Actirox belt, as well as two other ceramic grain belts. All of the ceramic grain belts, particularly VSM Actirox, outperformed the Deerfos Bora 6. The Bora 6 ground 300 parts per belt, while VSM Actirox ground 900 parts per belt. After analyzing the results, the client determined the VSM Actirox ceramic belt best fit their needs.

Result

- **200% increase in parts per belt:**
 - VSM: 900 parts
 - Deerfos: 300 parts
- **Longer belt life and cooler cut:** thanks to Actirox's geometrically shaped grain.
- **Fewer belts to change, saving time and money:** the client is using a robotic backstand, therefore, it is vital for them to change out the belt as little as possible.

▶ **200% increase in parts per belt thanks to VSM Actirox.**



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