



# HOW TO GET EXPERT ADVICE AND SOLUTIONS FOR YOUR BLAST MACHINE MAINTENANCE AND PREVENTIVE CARE

## #1

### Context



*Our client is a large manufacturer that produces lightweight vehicle structures for the automotive industry.*

*Our customer is looking for solutions that will help them perform the proper blast machine maintenance and offer preventive care solutions.*

## #2

### Actions



- ✔ The W Abrasives Technical team decided to go a step further than the usual technical checks and analysis and proposed a dedicated maintenance team to help fix the problems and issues that the customer was having with their blasting machine.
- ✔ This was done by developing a comprehensive maintenance log of all parts being changed to track the wear.
- ✔ This log enabled the customer to :
  - 1) Track parts that were being changed to understand the life span of the parts
  - 2) Track any other issues in the machine to help to develop a root cause analysis

## #3

### Results



The entire process took approximately 4 months to develop.

The customer now has a streamlined system for completing the work every 45-60 days, depending on shut down periods.

This system has given our customer lots of positive results including :



#### Increased

*uptime on machines (incline process)*



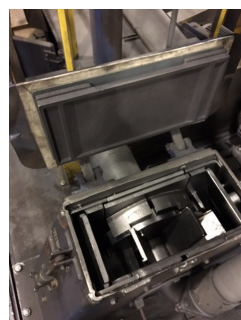
#### Predictive maintenance

*for all blast machines (inline process)*



#### Spare Part

*ordering analysis and budget alignment*



*Contractor performing repairs on customer's equipment*

