



CASE STUDY

CUSTOMER

LINEX MANUFACTURING

LOCATION

GUELPH, ON CANADA / SEP 2009

EQUIPMENT

PARTS WASHER

APPLICATION

PARTS WASHING FLUID

PROVEN RESULTS



PRODUCT REJECTION ELIMINATED

FILTER ELEMENT LIFE EXTENDED 3 WEEKS TO 2+ MONTHS

“ It is amazing how much contamination was taken out of the system. Before the unit was installed, the milligrams were 22 on the patch. Now that the series 5000 magnetic separation unit has been implemented, the milligrams are 9 on the patch; less than half of what it was.”

-Linex Engineer Supervisor

CHALLENGE

Products were consistently rejected due to lack of cleanliness, even though the parts are passed through three washing systems.

SOLUTION

Install an OEI magnetic scrubber, prior to the existing filtration systems, to remove ferrous contamination from the washing fluid and improve its ability to clean.

RESULTS

The photos show contamination collected from the washing fluid after 1 week of operation. When the contamination was removed from the magnetic element, it returned to liquid state; this is because so many of the particles collected were below 10 microns in size. Installing the magnetic filter extended traditional filter element life from every 3 weeks, to over 2 months. Product rejection due to cleanliness has been eliminated.



PRODUCT RECOMMENDATION
MAGNETIC FILTER SCRUBBER



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