



CASE STUDY

CUSTOMER

SPECIALTY LAMINATE MANUFACTURING LTD.

LOCATION

CALGARY, AB CANADA / NOV 2005

EQUIPMENT

HYDRAULIC PRESS

APPLICATION

HYDRAULIC FLUID

PROVEN
RESULTS



INCREASED
MAINTENANCE
QUALITY

“ Since installing your magnetic rods and filter pads our uptime has increased in excess of 200%. We recommend your filtration systems to enhance preventative maintenance programs of any industrial application, as they are user friendly, very efficient, easily cleaned and cost effective”

- Robert Tutty, the Owner

CHALLENGE

PLANT UPTIME

-Increase uptime of a 24/7 plant that experiences severe line delays every month from hydraulic and pneumatic failures.

PLANT EQUIPMENT

- Extend maintenance cycles.
- Reduce the cost of operating machinery.
- Reduce the environmental impacts of disposable filters.

AIR LINES

-Prevent airlines from plugging and carrying contaminants to equipment.

SOLUTION

- Adopt an OEI magnetic filter element on the inlet and outlet of a 250-gallon hydraulic reservoir.
- Install OEI magnetic filters scrubbers on all hydraulic return lines
- Adopt an ADD-Vantage 9000 hydraulic and lube oil filter on all equipment.



PRODUCT
RECOMMENDATION

MAGNETIC FILTER SCRUBBER
MAGNETIC FILTER ELEMENT
ADD-VANTAGE 9000



RESULTS

- 200% increased uptime of the entire plant.
 - Increased life of critical components (valves, pumps, motors and seals).
 - Reduced maintenance costs (fewer replacement parts & less personnel overtime).
- Fewer hydraulic oil changes and longer service intervals as the “oil remains as clean as the day we employed it.”
- Reduced operational costs as the ADD-Vantage 9000 eliminated:
 - Disposable filter purchase.
 - Disposable filter stocking.
 - Used filter disposal costs.
 - No increase in maintenance time.
 - Reduced seal wear.
 - Reduced air tool maintenance.
 - Capturing large volumes of rust particulate and very fine eroded steel filings.



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