



## CASE STUDY

CUSTOMER

JAGER BUILDING SYSTEMS INC.

LOCATION

CALGARY, AB CANADA

EQUIPMENT

PLANT HYDRAULICS

APPLICATION

HYDRAULIC FLUID

PROVEN  
RESULTS



INCREASED  
MAINTENANCE  
QUALITY

“ In every location we tested it, there were magnetic particles on the magnet ... about 2 months later our semi-annual oil analysis found that the particle count for 5-micron particles had dropped from 2975 to 794 ppm. A dramatic drop. ”

- Danny Couture, the Maintenance Supervisor

### CHALLENGE

Plant equipment:

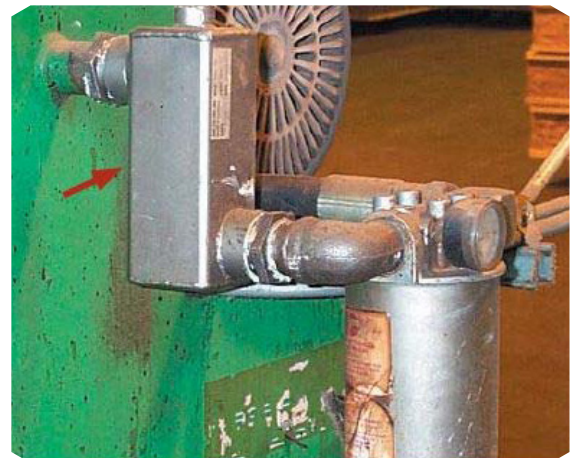
- Reduce wear and protect critical plant equipment
- Increase overall plant and equipment uptime
- Reduce maintenance costs

Air Lines:

- Prevent air lines from plugging and carrying contaminants to equipment

Forklifts:

- Extend maintenance cycles and life of forklifts



### SOLUTION

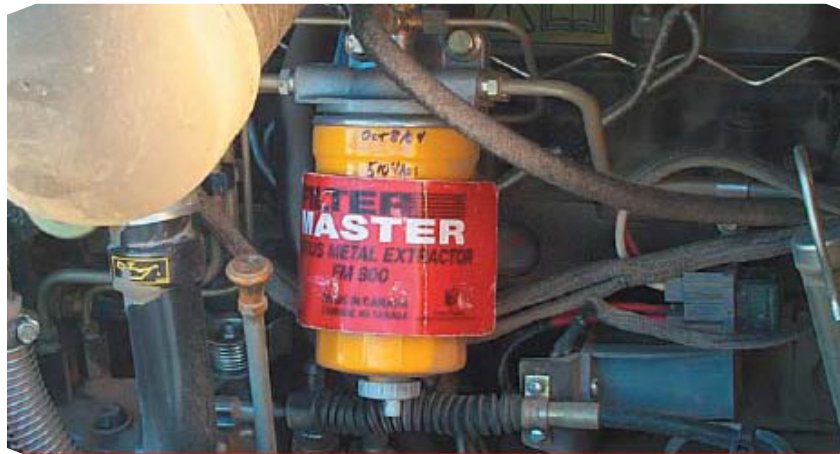
1) Test an OEI magnetic filter scrubber on the food side of hydraulic lines - both before and after existing filtration. 2) Install an OEI magnetic filter y-strainer inline. 3) Apply OEI magnetic filter pads on existing hydraulics, fuel and oil filters.

### RESULTS

After testing OEI products there was a 375% drop in 5-micron particle count - from 2,975 to 794. A 2 mm metallic shard captured by magnetic rod after “worming” its way through existing standard filtration. As a result, system uptime was increased, filter life was extended, filter disposal costs were reduced.

There were also no plugging of air lines or air tools.





PRODUCT  
RECOMMENDATION

**MAGNETIC FILTER SCRUBBER**  
**MAGNETIC FILTER Y-STRAINER**  
**MAGNETIC FILTER PAD**

“ I was amazed by what was on the magnet after the hydraulic oil went through the filter. In one location there was a piece of metal about 2 mm long that had worked its way through the standard paper filter. In every location we tested it, there were significant amounts of ferrous contamination trapped on the magnetic filters. ”

- Danny Couture, the Maintenance Supervisor



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