



CASE STUDY

CUSTOMER

SUREFIRE INDUSTRIES

LOCATION

CALGARY, AB CANADA / MAR 2008

EQUIPMENT

N-2 PUMPER

APPLICATION

HYDRAULIC & GLYCOL COOLANT

PROVEN RESULTS



EXTENDED OPERATIONAL CYCLES

REDUCED MAINTENANCE COSTS

CHALLENGE

Ferrous contamination from manufacturing process.

SOLUTION

Install OEI inline magnetic filter y-strainers on the hydraulic and glycol lines prior to the pumps as directed by senior design engineer Oleg Tsvik.

RESULTS

OEI filters installed on the hydraulic reservoir on an N-2 Pumper for Trican Well Service Ltd of Red Deer. After 3 months of operation, the photo clearly displays a significant amount of ferrous contamination. The unit's traditional filtration failed to remove the contamination that would have caused serious premature wear to the pumps and seals of the hydraulic system.



PRODUCT RECOMMENDATION

MAGNETIC FILTER Y-STRAINER



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