



CASE STUDY

CUSTOMER

NAL RESOURCES

LOCATION

RED DEER, AB CANADA / 2005

EQUIPMENT

NATURAL GAS PIPELINE

APPLICATION

COMPRESSOR LUBE OIL

PROVEN
RESULTS



INTERVALS
BETWEEN OIL
CHANGES WERE
INCREASED UP
TO 4000 HOURS

CHALLENGE

Al Gaetz the Plant Maintenance Manager identified a concern that the traditional filtration he had employed for his compressor (White) engine lube oil was not filtering the ferrous contamination to a level that would allow him to extend oil intervals and reduce premature wear.

SOLUTION

Install an OEI magnetic filter element on his portable oil change cart and then installed OEI magnetic filters at each compressor engine lube line via a T-pipe access.

RESULTS

After 500 hours, substantial ferrous contamination was extracted from the oil stream and trapped on the OEI magnetic filter that was missed by the traditional filters on the White engine (rebuilt). The target is to achieve in excess of 4000 hours between oil change intervals. To date the magnetic filters have been extracting substantial amounts of ferrous particles from the lube systems and Mr. Gaetz feels although it will take an extended period of time to fully appreciate the benefits of the removal of the fine ferrous contamination, it is very logical the wear cycle is being reduced.



RECOMMENDED
PRODUCT

**MAGNETIC FILTER
ELEMENT**



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