



CASE STUDY

CUSTOMER

ESSO

LOCATION

CANADA / 2003

EQUIPMENT

PUMP JACK GEAR BOX

APPLICATION

LUBE OIL

PROVEN
RESULTSEXTENDED
OPERATIONAL
CYCLESREDUCED
MAINTENANCE
COSTS

“When the rod was removed from the gearbox, I could not believe what I was looking at. The rod was totally covered in ferrous contamination that had been there for years. We had no idea that there was so much metal there. Obviously the equipment will work better with this filtration installed. This will definitely increase the gearbox life”

- Randy Wilson, Field Service Inspector

CHALLENGE

Esso Canada Upstream Field Services wanted to increase the efficiency of their oil field equipment to extend the length of their service and maintenance intervals. Part of the initiative included extending the life of their LeGrand 160 pump jacks.

SOLUTION

Remove the traditional magnetic rod with a Gauss Rating of 350Gs and replace it with an OEI magnetic filter element with patented radial technology and a Gauss reading of 1200Gs.

RESULTS

Before the test, the original factory installed filter rod had been in service for 8 years, after 37 hours of installation, the OEI magnetic filter element had a layer of contamination 1/2" thick.



PRODUCT
RECOMMENDATION
**MAGNETIC FILTER
ELEMENT**



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