



## CASE STUDY

CUSTOMER

ENI S.P.A

LOCATION

RAVENNA, ITALY / 2013-2014

EQUIPMENT

NP 2 COMPRESSOR

APPLICATION

COMPRESSOR LUBE OIL

PROVEN  
RESULTS



REDUCED WEAR ON  
SYSTEM COMPONENTS

EXTENDED  
MAINTENANCE  
INTERVALS

### CHALLENGE

Oil analysis identified a high level of wear contamination in the NP#2 compressor lube oil. If left in the system will cause premature wear of the compressor components. Traditional filtration was unable to remove this contamination under 10 microns and the most damaging contamination is iron and steel under 10 microns. The inefficient disposable elements caused increased change outs and maintenance intervals.

### SOLUTION

Install an OEI magnetic filter element in the existing housing in order to remove the wear contaminants to sub-micron levels and extend the change out and maintenance intervals.

### RESULTS

The ROI is clearly identified as the decrease in wear contaminants reduced the wear on the compressor components, decreased element change out and extended maintenance intervals.



RECOMMENDED  
PRODUCT  
**MAGNETIC FILTER  
ELEMENT**



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