



CASE STUDY

CUSTOMER

OROGEL: FOOD PROCESSING FACILITY

LOCATION

FC, ITALY / FEB 2007

EQUIPMENT

AMMONIA COMPRESSORS

APPLICATION

LUBE OIL

PROVEN RESULTS



EXTENDED OPERATING LIFE OF COMPRESSORS RESULTING IN LOWER MAINTENANCE AND EQUIPMENT REPLACEMENT COSTS

“It's plausible to believe that this product will increase the longevity of our equipment”

- Maintenance Manager

CHALLENGE

Improve the cleanliness of the lube oil used on new ammonia compressors in the production facility.

The existing filtration was not capturing the wear contamination that was damaging critical compressor components, causing frequent failures.

SOLUTION

Task OEI with designing a magnetic filter element to mount on the existing filter housing of the ammonia lube oil filters.

RESULTS

The photos show contamination captured after the 4th cleaning of one compressor with 352 hours of run time.

The OEI magnetic filter element proved to protect the compressor by capturing significant amounts of wear contamination missed by the existing filter.



PRODUCT RECOMMENDATION
MAGNETIC FILTER ELEMENT



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