



CASE STUDY

CUSTOMER

MARION DRAGLINE, BMA OPEN MINE

LOCATION

QUEENSLAND, AUSTRALIA / AUG 2008

EQUIPMENT

GEARBOX

APPLICATION

GEAR OIL

PROVEN RESULTS



SYSTEMS
PROTECTED FROM
WEAR AND QUALITY
OF OIL INCREASED

CHALLENGE

Increasing levels of ferrous contamination.

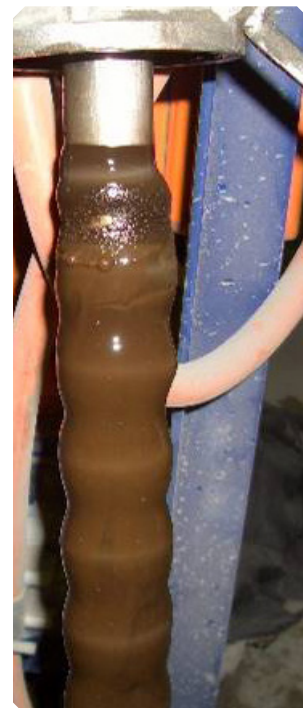
SOLUTION

Install an OEI magnetic filter scrubber to the existing kidney loop filtration system.

RESULTS

After three days of operation, the OEI magnetic filter was removed revealing a significant amount of ferrous contamination that had been extracted from the gear oil.

Laboratory report showed a sizeable reduction in Particle Quantity count from 3904 to 723. Tim Rantin (Flac Champion) of BMA mines concluded the contaminants removed by the OEI magnetic filter are particles the existing filtration system was unable to capture. These particles will prematurely wear out the gear box components and seals in addition to degrading the fluid.



PRODUCT
RECOMMENDATION
**MAGNETIC
FILTER SCRUBBER**



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