



CASE STUDY

CUSTOMER

DAWSON COAL MINE DL5

LOCATION

AUSTRALIA / AUG 2009

EQUIPMENT

MARION 8200

APPLICATION

LUBE OIL

PROVEN
RESULTSIMPROVED
QUALITY
OF OIL

CHALLENGE

High levels of ferrous contamination present in the lube oil as a result of inadequate filtration.

SOLUTION

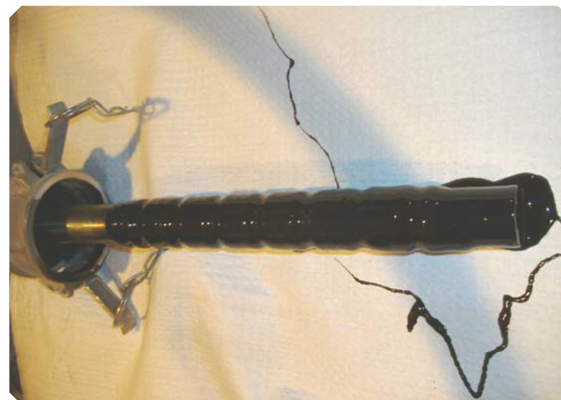
Install an OEI magnetic filter scrubber to improve the present filtration system.

RESULTS

There were initial challenges that had to be overcome during installation due to the original flexible hose being replaced with a rigid scrubber and ball-valve arrangement that had to match up to the existing 1-7/8" JIC Male Hose Fittings. However, the 2" Ball-Valves & Elbows fitted in such a way that the axis of the outlet aligned to the inlet of the OEI Scrubber.

A photo at the top right shows the magnetic scrubber after being successfully integrated into the existing reticulating lube system.

A photo at the bottom right shows the amount of sub micron level ferrous contamination captured by the magnetic filter rod after the scrubber was in continuous service for 10 days.



PRODUCT
RECOMMENDATION

**MAGNETIC
FILTER SCRUBBER**



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