



CASE STUDY

CUSTOMER

BUCKSKIN MINE COMPANY / KIEWIT MINING GROUP

LOCATION

GILLETTE, WY USA / JUL 2007

EQUIPMENT

UNIT RIG HAUL TRUCK

APPLICATION

STEERING AND HYDRAULIC FLUID

PROVEN
RESULTSINCREASED
QUALITY
OF FUEL

CHALLENGE

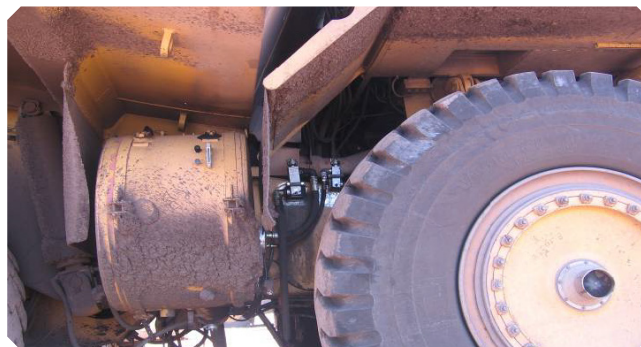
Steering pump failure due to premature wear to hydraulic components.

SOLUTION

Installation of an OEI magnetic filter scrubbers. The steering and hydraulic systems share the reservoir so the scrubbers were installed on the return lines. The power steering pump and fluids were also changed.

RESULTS

The ferrous contamination trapped on the magnetic rod represents approximately 40 hours of running time. If left in the fluid these metal particles will prematurely wear the components and degrade the fluid viscosity.



PRODUCT
RECOMMENDATION

**MAGNETIC
FILTER SCRUBBER**



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