



CASE STUDY

CUSTOMER

KINNECOTT ENERGY, RIO TINTO MINING CORP

LOCATION

GILLETTE, WY USA / MAR 2007

EQUIPMENT

HAUL TRUCK

APPLICATION

CHAIN CASE OIL

PROVEN RESULTS



COMPONENT AND OIL LIFE EXTENDED

CHALLENGE

High level of ferrous contamination and no filtration resulting in premature wear of the chain, sprockets, bearings and gears.

SOLUTION

Install an OEI magnetic filter element in the chain case inspection plate. The magnetic filter is located in the central splash area for maximum filtration and does not interfere with the operation.

RESULTS

After 250 hours of operating time a substantial amount of ferrous contamination was extracted from the chain case oil where there is no filtration thereby reducing wear and extending component and lube oil life.



PRODUCT RECOMMENDATION

MAGNETIC FILTER ELEMENT



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