



## CASE STUDY

## CUSTOMER

KINNECOTT ENERGY, RIO TINTO MINING CORP

## LOCATION

WY, USA

## EQUIPMENT

KOMATSU 830E HAUL TRUCK

## APPLICATION

WHEEL MOTOR DRIVE SYSTEM LUBE OIL

## PROVEN RESULTS

GEAR BOX  
LUBE OIL LIFE  
EXTENDED

“The iron counts in both did show a drop.”  
-the specialist from Kinnecot Energy

## CHALLENGE

Remove ferrous contamination from the wheel motor lube oil to prevent premature wear of the drive system components.

## SOLUTION

Install two OEI magnetic filter elements in drive system reservoir.

## RESULTS

Substantial contamination was captured after 500 hours of operation.

The gear box lube oil life has been extended since deployment of the OEI magnetic filters.

PRODUCT  
RECOMMENDATIONMAGNETIC FILTER  
ELEMENT

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