



CASE STUDY

CUSTOMER

MINING COMPANY

LOCATION

QLD, AUSTRALIA / MAY 2008

EQUIPMENT

KOMATSU 475 DOZER

APPLICATION

FINAL DRIVE LUBE OIL

PROVEN
RESULTS



FINAL DRIVE
STAYED IN
OPERATION UNTIL
REPLACEMENT
ARRIVED

CHALLENGE

Incompatible lubricant was used on the dozer's final drive resulting in excessive component wear and ferrous contamination build up.

At the time, the mine did not have any spare final drives. To keep the dozer in operation until new ones arrived. OEI magnetic filter plugs were installed in place of the OEM magnetic plugs.

SOLUTION

Replace OEM magnetic plugs with OEI magnetic filter plugs to capture enough wear contamination that the dozer could remain in operation until new final drives arrived.

RESULTS

The photos show contamination collected on some of the OEI magnetic filter plugs after 11,420 hours of operation.

The OEI filters successfully kept the dozer in operation until the spare final drives arrived. The mine now employs OEI magnetic filter plugs on all Komatsu and Caterpillar equipment as part of their maintenance and reliability program.



PRODUCT
RECOMMENDATION

MAGNETIC FILTER
PLUG



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