



CASE STUDY

CUSTOMER

BHP, BILLITON MITSUBISHI ALLIANCE

LOCATION

BLACKWATER QUEENSLAND, AUSTRALIA / JUL 2008

EQUIPMENT

HAUL TRUCK

APPLICATION

COOLANT SYSTEM

PROVEN
RESULTS



INCREASED
PRODUCT
QUALITY

CHALLENGE

BHP Billiton was experiencing ferrous contamination in engine coolant fluids.

SOLUTION

Install an OEI magnetic Y-Strainer on a secondary coolant line.

RESULTS

After 500 hours of engine operation, the OEI magnetic filter was removed revealing a substantial amount of ferrous metal that had been extracted from the coolant fluid. If left circulating in the coolant fluid, these metal particles will prematurely wear out cooling system components such as the water pump, radiator and seals in addition to degrading the fluid.

Tim Rantin (Flac Champion) of BMA mines has been using OEIs' technology since 2007 and has found OEI products to be significant contributors in reducing contamination and operating costs. This installation was performed with little alteration and labor to the current machinery yet yielded considerable results.



PRODUCT
RECOMMENDATION
**MAGNETIC
FILTER Y-STRAINER**



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