



CASE STUDY

CUSTOMER

CONSOL ENERGY CORPORATION

LOCATION

PENNSYLVANIA USA / NOV 2008

EQUIPMENT

84 COAL MINE PREPARATION PLANT

APPLICATION

DIESEL FUEL

PROVEN RESULTS



PREVENTED
PREMATURE
WEAR OF MINING
EQUIPMENT FUEL
SYSTEMS BY
FILTERING RIGHT AT
THE FUEL TANK

CHALLENGE

Protect mining equipment from wear contamination under 4 microns that would damage close tolerance fuel system components; filter the diesel fuel coming out of the tanks, prior to dispensing.

SOLUTION

Install an OEI magnetic filter scrubber on the suction side of the fuel pump.

RESULTS

After only 2000 gallons of pre-filtered fuel, the OEI magnetic filter was removed revealing a substantial amount of ferrous particles that had been extracted. If left in the fuel, these wear particles would damage pump and injector components.

This installation was performed with little alteration and labour to the current machinery, yet yielded considerable results.



PRODUCT
RECOMMENDATION

**MAGNETIC
FILTER SCRUBBER**



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