



## CASE STUDY

## CUSTOMER

MOSAIC COMPANY

## LOCATION

ESTERHAZY, SK CANADA / MAR 2008

## EQUIPMENT

TOP OFF TANK

## APPLICATION

HYDRAULIC FLUID

## PROVEN RESULTS



EXTEND THE OPERATIONAL LIFE OF THE HYDRAULIC EQUIPMENT

“ There are several applications underground (and on surface) where we can be using these filters to address fluid contamination. I am currently sourcing an equivalent scrubber for our diesel fuel line as well.”

## CHALLENGE

Dean Stephens A.Sc.T., CMRP Underground PdM Supervisor, was concerned with ISO cleanliness level of new hydraulic fluid.

## SOLUTION

Install an OEI magnetic filter scrubber on to the hydraulic oil supply line in the lube shed.

## RESULTS

After 5 weeks of service in a Potash mine underground, the magnetic filter extracted a substantial amount of ferrous contamination.

This is not a kidney filtration system; it's just a direct line from the tank to the nozzle end. They were amazed how much ferrous particles there is in new hydraulic oil. Had this metal been introduced to the equipment it would definitely have caused premature wear to the seals and gears.



## PRODUCT RECOMMENDATION

## MAGNETIC FILTER SCRUBBER



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