



CASE STUDY

CUSTOMER

EVRAZ

LOCATION

REGINA, SK CANADA / 2006-2010

EQUIPMENT

HOT ROLLING MILL

APPLICATION

COOLANT FLUSH WATER

PROVEN RESULTS



REDUCED FAILURE OF MECHANICAL SEALS EQUATING TO SAVINGS IN MAINTENANCE COSTS AND REDUCED DOWNTIME

“After 5 years of operation the magnetic filters are still working strong and have proven their value as the three mill scale pumps they were installed on have not had mechanical seal failure due to particulate wear contamination.”

-David Miltenberger, the Maintenance Manager

CHALLENGE

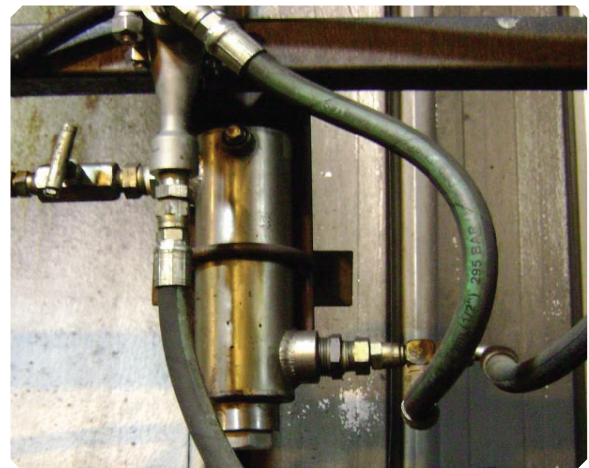
Contamination in the centrifuge system was causing mechanical seal failure. The coolant flush water required a more effective filtration system than the system's conventional filter to remove contamination down 4 microns and below.

SOLUTION

Install an OEI high-pressure magnetic filter scrubber inline to capture the wear contamination down to sub-micron levels.

RESULTS

After 9 years of operation, the magnetic filters are still in place. Their value is demonstrated by the fact that since installation, none of the pumps utilizing these filters have had a mechanical seal failure due to wear contamination.



PRODUCT RECOMMENDATION
MAGNETIC FILTER SCRUBBER



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