

Magnetic Filtration Case Study



Solvay Chemical Plant

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APPLICATION: Mann Turbine Filtration

PROBLEM: Ferrous Metal Contamination

SOLUTION: Install OEI Magnetic Filters (5SC12SCL) in a duplex design prior to the turbines present filtration system.

RESULTS: The Turbine were overhauled completely, the reservoir flushed and cleaned, new oil employed and to test the OEI filters they started the oil circulation system to filter any possible remaining contamination. They ran the lube oil circulation system for 7 hours and the photos are of what was removed from the system, the engineers were so astonished that they ran the circulation system for three more days before they started up the turbine.

The OEI magnetic filter is easily cleaned and the trapped contamination analyzed for component wear identification allowing predictive maintenance planning.

For further information contact our office or visit our website

www.OneEyeIndustries.com.