



CASE STUDY

CUSTOMER

MOMENTIVE PERFORMANCE SRL

LOCATION

TERMOLI, ITALY / 2012-2013

EQUIPMENT

CIRCULATION PUMP

APPLICATION

TRIMETHOXY(METHYL)SILANE FILTRATION

PROVEN RESULTS



PREVENTED PUMP FAILURES

EXTENDED MAINTENANCE INTERVALS

UPDATE

Fourteen months after installing the OEI high-pressure magnetic filter scrubber, Momentive is very happy. There have been no pump failures and required maintenance intervals have been extended.

CHALLENGE

Premature failure of the pumps and seals caused by high levels of wear contamination. The contamination is a result of erosion and corrosion of the piping caused by the dangerous process fluid Trimethoxy(methyl)silane (CAS number 1185-55-3).

SOLUTION

Alex Priori of Renox, the OEI distributor in Italy, suggested the installation of a high-pressure magnetic filter scrubber on the suction side of the circulation pump to filter out the contamination that was causing premature pump and seal failure.

RESULTS

The photos show a substantial amount of contamination collected on the magnetic filter element after 4 months of operation. The first year after installation, there were no pump failures, this resulted in extended maintenance intervals, and reduced operator contact with the Trimethoxy(methyl)silane.



RECOMMENDED
PRODUCT

**HIGH-PRESSURE
MAGNETIC FILTER
SCRUBBER**



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