



CASE STUDY

CUSTOMER

TAMA PAPERBOARD

LOCATION

IOWA, USA / MAY 2006

EQUIPMENT

PULP & PAPER MILL

APPLICATION

PAPERLINE GEAR OIL

PROVEN
RESULTSPROTECTED
SYSTEMS

CHALLENGE

Darcy Rasmusson the maintenance manager for Tama Paper Board was looking for new technology to improve the filtration of his gear lube on the paper machine, as the filtration employed did not have the desired results. Darcy was as well looking for ways to reduce maintenance costs in bearing and pump failure.

SOLUTION

Darcy inquired with Vision Industrial sales for help. The team at Visions quickly introduced them to the OEI filtration solutions program. Identifying the size of the standard disposable filters elements used in the canister filters and flow rates etc. Visions quickly identified the solution as replacing the disposable elements with the OEI stainless steel washable reusable long life elements that as well come equipped with the OEI patented magnetic filters. Wanting to obtain the full meal deal Darcy also requested a return line magnetic filter scrubber (5000 series) be installed on the return line.

RESULTS

The result was very pleasing for the maintenance crew, as they had not seen the oil as clean. The stainless steel elements were performing a far superior job compared to the paper disposable and the magnetic filters were removing substantial ferrous contamination the original filters failed to remove. Darcy related they will monitor the OEI filtration system and evaluate over the next year and as the oil is cleaner than we have ever seen this will no doubt result in a significant drop in wear on our bearings, seals and pumps which will directly improve our up-time and reduce costs.



PRODUCT
RECOMMENDATION
**OEI FILTRATION
SYSTEMS**



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