

Case Study:
Magnetic filtration of gear oil
May 2010



Mount Polley Mining Corp.
Williams Lake British Columbia,
Canada

APPLICATION: #3 Pebble Mill oil bath bearing lube system.

PROBLEM: Ferrous Metal Contamination

SOLUTION: Geordie Tugnum of Bearing & Transmission a distributor for OEI recommended installing the OEI's Magnetic Filter Y-Strainer.

RESULTS: After 72 hrs, a substantial amount of Ferrous Metal to sub micron levels was extracted and trapped on the OEI magnetic filter.

Conclusion: After viewing the results from the OEI magnetic filter, Andrew Nairn, Mill Maintenance Planner for Mount Polley Mining said he will be looking for more applications to implement OEI's magnetic filtration solutions.

The OEI magnetic filter is easily cleaned and the trapped contamination can be analyzed for component wear identification allowing predictive maintenance planning. For further information contact our office or visit our website www.OneEyeIndustries.com.