



CASE STUDY

CUSTOMER

PT. SETIA KAWAN

LOCATION

KEDIRI, EAST JAVA, INDONESIA / JUL 2012

EQUIPMENT

PULP AND PAPER MILL

APPLICATION

SPLASH OIL LUBRICATION SYSTEM

PROVEN
RESULTS

ELEMENTS FROM
SUBMICRON TO 100+
MICRON TRAPPED
AFTER ONE WEEK OF
OPERATION

CHALLENGE

Concern about excessive amounts of ferrous contamination in the splash oil system of the gearbox that will degrade the quality of the oil and prematurely wear the gearbox components.

SOLUTION

Install an OEI magnetic filter element on a trial basis, to be placed in the circulating oil system of the gearbox, circulating Shell ISO VG 200 oil to extend the life of the gearbox components as well as the life of the oil.

RESULTS

A photo shows the substantial amount of ferrous contamination from submicron to 100+ microns in size trapped on the OEI magnetic filter element after only one week in operation.

Mr. William, Owner of the paper mill, was so impressed with the results of the OEI magnetic filter rod that he has now implemented use of OEI's magnetic filtration technology in all of their plant's lubrication systems to extend the life of the lube oil and the gearbox components.



PRODUCT
RECOMMENDATION
**MAGNETIC FILTER
ELEMENT**



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