



CASE STUDY

CUSTOMER

PT. ECCO TANNERY

LOCATION

BALI, INDONESIA / JUN 2009

EQUIPMENT

HYDRAULIC PRESS

APPLICATION

HYDRAULIC FLUID

PROVEN RESULTS



REDUCED
MAINTENANCE
COSTS

CHALLENGE

Ferrous metal contamination with particles down to sub micron in size the traditional filtration is unable to remove resulting in seal failure and scoring of the hydraulic piston shaft.

SOLUTION

PT. Sinarmentari Indoprima our Indonesian distributor for OEI recommended installing an OEI magnetic filter rod prior to the hydraulic pump to filter out the submicron ferrous and non ferrous contamination.

RESULTS

After only 5 days of operation the magnetic filter rod was removed for inspection, when analyzed the particle size is down to submicron and is mainly ferrous metal with small quantities of and silica dust. This size of contamination flows through traditional filtration systems. Installation of the magnetic filter prior to the high pressure pump will also extend the life of the pump and other components in the system.



PRODUCT
RECOMMENDATION
**MAGNETIC FILTER
ELEMENT**



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