



APPLICATION STUDY GEARBOX



CUSTOMER

SCA has been producing LWC paper at Ortviken paper mill since the early 1990s. The first LWC machine, installed in 1990, was joined in 1996 by a second machine and within a few years Ortviken had established itself in the topmost quality segment among LWC producers.

SYSTEM

Saalasti Bark Press
Type of oil: Shell Omala S2 G
Oil volume: 500 liters

PROBLEM

SCA recently had an expensive failure of a gearbox. (Saalasti bark press). 6 months after the failure, the oil is already heavily contaminated. Installing Euopafilter on the gearbox is an economical investment to avoid costly breakdowns in the future due poor cleanliness level of the oil.



SOLUTION

EF2 I 55MD

17/4-2012 15:00 SCA installed a mobile Euopafilter system on the gearbox. Oil samples were taken and analyzed gravimetrically at SCA Ortviken oil lab. - "The oil was heavily contaminated. It was almost impossible to perform a patch test" (Lab Manager Stephen Bergsten SCA Ortviken)



RESULT

4/5-2012 new oil sample was taken. The filter had been in operation for 17 days. The oil is now very clean! After 17 h 30 min of operation with Euopafilter, SCA noted a clear improvement of purity! (826 liters was filtered.)

