



APPLICATION STUDY

PAPERMILL



MetsäTissue

CUSTOMER

Metsä Tissue is one of Europe's leading suppliers of tissue paper products. Their main brands are Lambi, Mola, Serla, Tento, Katrin and SAGA. MT have eleven production units located in Finland, Germany, Poland, Russia, Slovakia and Sweden and they employ some 3,300 people. Turnover is EUR 970 million.

Contact: Kurt Pettersson

System: Andritz shoe press

Oil: Mobil XP100

Oilvolume: 3000 liter

BACKGROUND

PURITY REQUIREMENTS FOR OIL

The supplier of shoe press (Andritz) have announced that 13/11 is the demands for cleanliness level according to particle counting.

If the level is above, oil change is the only option.

SOLUTION

The customer chose to install a permanent Europafilter system to meet the purity requirements.

Oil samples were sent to CSM Material Technology.

After installing Europafilter puritylevel of oil has constantly been within Andritz limits.

Partikelräkning	antal/100ml
> 5 μ m	740
> 15 μ m	52
> 25 μ m	16
> 50 μ m	0
>100 μ m	0
Kod enligt ISO 4406	10/6

RESULTS

CLEAN OIL

Patch test also shows improvement in cleanliness level of oil.

From 0,4 mg/100ml to 0,1 mg/100ml in 11 days.

