

Case Study

MPACT Paper Mill, Piet Retief, South Africa

HBL (Heavy Black Liquor) consistency is close to that of Bitcheman [Tar]

Cost saving R6m per annum.



Scenario:

- Heavy Black Liquor build up from vessel floor due to inadequate agitation.
- Pipes and pumps block.
- Entire paper mill shut down for 2 -3 days to manually clean out the vessel.
- Costly downtime due to reheat of liquor before use.

Solution:

- Installed a Turbulator 22kW with 3 Rotors in 2004

Result:

- No settling of solids
- No blocked pipes or pumps
- No downtime
- No production losses.

Since the success of this unit, the mill purchased 32 units to resolve other mixing and agitation issues.



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