

A *Measurable* Difference

J&L Fiber Services Product Case Study

UnConventional™ vs. Conventional Slotted

MILL INFORMATION

Location: Inter Lake Papers, Kimberly, WI
Product: Fine Paper
Screen: Primary Voith Sulzer Omni 900
Rotor: 6 Lobe Rotor
Installed: March 21, 2000

Originally the mill was operating with a .008" conventional slotted cylinder.

OBJECTIVE

Document the measurable mill benefits of installing an UnConventional in a fine paper thick stock application.

RESULTS

Lab Results Before Installation of .006" UnConventional:

Debris Removal Efficiency: 35%-50%
Furnish: 22% HWD, 38% SWD, & 40% Broke

Lab Results After Installation of .006" UnConventional:

Debris Removal Efficiency: 65%-85%
Furnish: 22% HWD, 38% SWD, & 40% Broke

Major benefit:

Mill sees an increase in debris removal efficiency.

The .006" UnConventional has good runnability.

CONCLUSION

The mill was able to decrease slot size from .008" to .006" to increase efficiency while maintaining the needed capacity with the installation of an UnConventional cylinder.

