

RECORDED BENEFITS

- Tensile specifications maintained
- 7% decrease in starch addition
- 12% decrease in refiner energy consumption
- Drying energy improvement of 8%
- Release feed rate decrease of 15%
- Overall crepe blade vibration decreased 41% and STDev decreased 76%
- Blade life increase of ~ 3 hours

Bath Producer Improves Machine Runnability and Decreases Cost

Rezsol™ CS3290 Creping Modifier

Customer Challenge

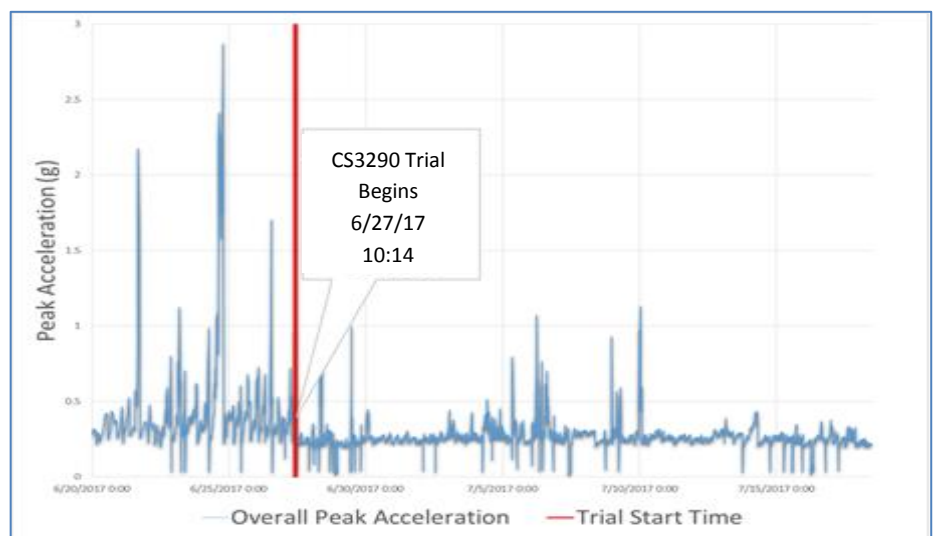
A North American producer was making 9.5 lb. tissue using a blend of softwood Kraft and eucalyptus fiber. The incumbent coating was not able to handle variation in water chemistry due to seasonal changes and deposit control chemistry used in pulp manufacturing. Vibration levels at the creping operation were at risk of causing damage to the Yankee dryer.

Recommended Solution

Upgrade the creping program by replacing the traditional release agent with Rezsol CS3290. Monitor existing adhesion with Crepetrol™ 9000 series adhesive.

Results Achieved

The improvement in quality of the creping was quite dramatic. Strength was maintained while reducing overall feed rate, cationic starch addition, drying energy and refining. Best practices around product filtration and feed were reviewed and updated.



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