

RECORDED BENEFITS

- Eliminated heat exchanger fouling
- Cleaned heat exchanger on the run to reclaim heat transfer coefficient
- Reduced scheduled maintenance and improved stability
- Reduced reoccurring maintenance costs by \$80,000/month
- Monthly savings to the mill is \$60,000/month after program costs

New Product Cleans and Prevents Stripper Heat Exchanger Deposition Leading to Significant Cost Savings

Infinity™ PK2825 Pulp Processing Aid

Customer Challenge

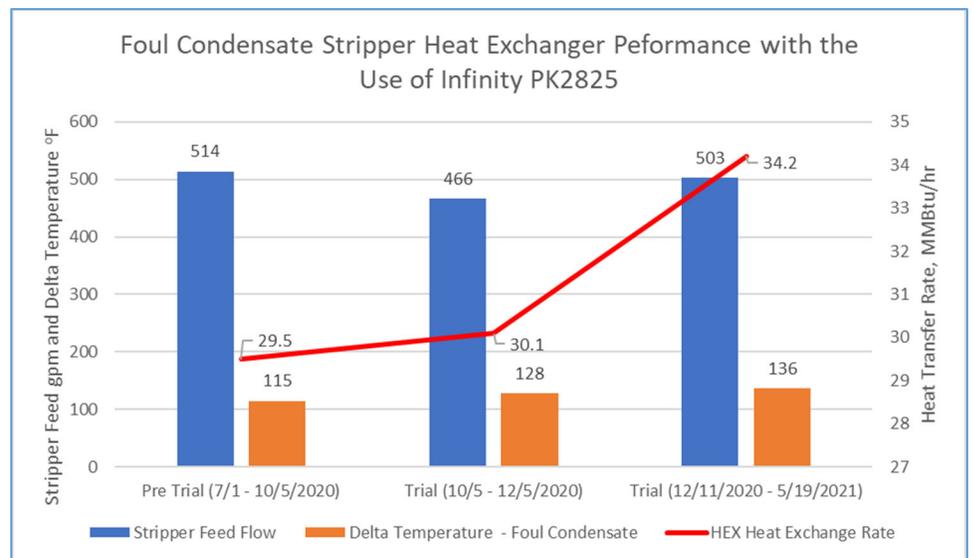
A Southern U.S. pulp mill producing 2850 TPD of brown pulp was having deposition issues in the stripper heat exchanger forcing the mill to change the plate and frame exchanger every 6-7 days to maintain environmental compliance and system efficiency.

Recommended Solution

Solenis proposed a treatment program comprising the application of Infinity PK2825 to the heat exchanger feed to clean up the deposition and regain system performance.

Results Achieved

Infinity PK2825 was applied to the stripped condensate going into the heat exchanger at 24 ppm to a dirty system. In the first month, the mill has since avoided four exchanger replacements and continues to run without issue. Flow and heat transfer coefficient have improved and remain in good operating ranges. Each heater swap was costing the mill \$20K, so monthly savings are approximately \$60K after program costs.



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