

A *Measurable* Difference

J&L Fiber Services Product Case Study

Stabilizer and Steam Groove: Extend Plate Life & Maintain Quality

MILL INFORMATION

Location: Brazil
Pattern: Outer Plates:
66SBP100/101 Primary
66SBP104/105 (Steam Groove) Secondary
Inner Plates:
66SBCR100/101 (Curved Bars) Primary & Secondary - Rotor
66SBCS100 Primary and Secondary - Stator
Taper: 6.00" @ .001"/" bal. @ .008"/" Primary and Secondary
Alloy: Outer: XLHS
Inner: C-351
Application: Newsprint - Basis Weights: 45 Gram, 48 Gram, 52 Gram

OBJECTIVE

To provide longer plate life with consistent Quality.

TRIAL COMPARISON

1. The standard competitor primary and secondary plate.
2. Is a trial of competitor primary plates with standard competitor secondary plates.
3. Competitor and J&L secondary plates.
4. J&L Primary and Secondary plates.

CONCLUSION

Mill is running with 2 - 2% Kraft depending on the paper grade, normal Kraft usage was 6 - 11 % depending on the paper grade. Quality was maintained with increased production. Plate life is 500 hours longer than the standard with the previous plates. Tear is 12-15% higher than normal, tensile is 5-10% higher than normal and freeness, vibration and hydraulic pressure were lower.

