A *Measurable* Difference

J&L Fiber Services Product Case Study

Extreme™ Chrome:
Increased Screen Cylinder Life

MILL INFORMATION

Location: Canada

Furnish: Unbleached kraft with high levels of abrasive grit contaminant

Installed: Screen Type

Centrisorter M110 CSC with Extreme™ Chrome

Plating

Extreme™ Chrome 0.016"-0.020"(406-508 Microns) thick, 65 Rc minimum Rockwell hardness

OBJECTIVE

Customer's screen cylinders had excessive wear due to abrasive contaminants and needed to reduce screen cylinder replacement costs by increasing cylinder life.

Background

Customer screen cylinder life was 1 month with the standard chrome plating 0.004"-0.009" (102-229 Microns) thick, and 3-4 months with heavy chrome plating 0.010"-0.015" (254-381 Microns) thick.

RESULTS

After installing the Extreme Chrome, cylinder life increased, lasting 8-9 months. Resulting in an 800-900% increase in cylinder life over Standard Chrome and a 200-300% increase in life over Heavy Chrome plating.

CONCLUSION

The mill was extremely impressed with the increased cylinder life due to Extreme Chrome, which significantly reduced their cost of replacing screen cylinders. Screen cylinder cost for this position was literally cut in half.

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