



## SuperWash Technologies Defined Value for our Customer

### Program Overview:

Nalco Water SuperWash technology provides customers with the ability to maximize brown stock washing efficiency. To ensure the highest return possible SuperWash is custom formulated specifically to meet individual customer needs. Along with custom formulation the CMV approach of: Detailed discovery of customer needs, validation of needs through technical system audits, and superior documentation of KPIs provides our customers with real value.

### Program Value Levers:



Increased black liquor solids provide steam savings: 1-4 points



Reduced bleaching costs due to less carryover to Bleaching System: As much as \$3.00/ton



Lower defoamer cost by 10-40%



Increased production by 1-4% at same quality specs



Improved pulp quality; reduced silicone carry over, less off-spec paper



Improved washer control to reduce risks associated with vats overflowing

### Technical Assistance:

Nalco Water's Pulp Technology Expertise Center has experience implementing the SuperWash program on all types of brown stock washers:

- Vacuum Drum Filters
- DD washers / Presses
- Chemi and CB Washer
- CB washers

Contact a member of the Pulp ITC team for guidance and support in your SuperWash sales efforts!

### Nalco Water, an Ecolab Company

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