CASE HISTORY

RECORDED BENEFITS

- Reduced washer RPM's by 13%
- Increased production by 8.6% or 50 ADT/day
- No negative impact on quality or system deposition

Drainage Aid Improves Production in a Semi-Chemical Pulp Mill

Advantage™ BN3398 Defoaming Agent

Customer Challenge

An Asia Pacific semi-chemical pulp mill had a drainage related production bottleneck at their brown stock washers. Process equipment included DD-Washers and GFF vacuum filtration.

Recommended Solution

After completing a process survey and lab testing, the Solenis team recommended adding Advantage BN3398 defoaming agent chemistry to the inlet of the washer at a rate of 0.29 kg/ADT.

Results Achieved

Drainage on the washers improved as indicated by a 13% reduction in washer rpm. With the drainage bottleneck removed, this customer was able to increase production by 8.6% or 50 ADT/day. No negative impacts were observed on pulp quality or system deposition.