



Moss Briefs:

ProMoss™ Treatment of Cooling Water in a Food Processing Facility

The cooling water in a food processing facility in Illinois was treated with a traditional scale/corrosion inhibiting blend along with an oxidizing biocide, a non-oxidizing biocide, a bio-dispersant, and a defoamer. There was heavy contamination of the cooling water from the process systems which was leading to extreme organic contamination and foaming (see Figure 1).



Fig. 1 Before ProMoss™: Water heavily contaminated with product from process systems and microbial growth. Thick organic contamination build up. High turbidity and heavy foaming.



Fig. 2 After 1 month of ProMoss™ being added to treatment: Water clarity improved dramatically. Foaming minimal. No new organic contamination formation.

We added ProMoss™ to the equation. The water began to clear up within a matter of hours. Within a month it was crystal clear (see Figure 2). There was no new microbial growth and the existing organic contamination slowly dried out and broke away. We then started taking the chemicals one by one out of the equation until we were down to just an oxidizing biocide with ProMoss™ for treatment.

Providing naturally pure, healthier water.



KEY RESULTS

- Improved Water Quality
- Improved Air Quality
- Stabilized pH and Alkalinity
- Reduced Scale and Staining
- Reduced Corrosion

KEY BENEFITS

- Reduced Chemical Usage
- Reduced Water Usage
- Reduced Energy Usage
- Reduced Maintenance

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