

Advantages

- Decreases water use (increases the cycles of concentration in cooling towers)
- Reduces chemical use and disposal
- Improves water quality, clarity, stability
- Can reduce heavy metal ions
- Improves efficiency of heat transfer by removing organic contamination and scale resulting in energy savings
- Prolongs equipment life
- Reduces maintenance and cleaning on surfaces in contact with ProMoss™ treated water

Nature had the Idea First

The first all-natural and sustainable plant based water treatment solution for today's water issues. Our products harness the natural properties of Sphagnum moss to improve water quality and affect every surface touched by water.



Sphagnum Moss

The Sphagnum moss used in our products is a natural, green plant that grows in bogs. It is harvested by hand, in a sustainable manner, can be re-harvested in 5-7 years, is processed, sterilized and packaged.



CWS has contact chambers for every application and system setup. Open cage submersible chambers are used when there is an open body of water to be treated. The offline contact chambers are uniquely designed to create a tumbling action that creates maximal moss water interface.

Activities

- Inhibits and removes scale
- Decreases corrosion on surfaces the ProMoss™ treated water touches
- Naturally softens the water by removing positively charged ions like calcium, iron, magnesium, zinc, cadmium etc.
- Removes organic contamination from all surfaces the ProMoss™ treated water touches
- Absorbs 10X its weight in oil
- Stabilizes water pH and slightly acidifies the water



Oil contaminated
cooling water

With ProMoss™
treatment



Delivery Systems

- Requires water flow across the ProMoss™
- ProMoss™ is stable to 250° F
- Submersible contact chambers that require no structural modifications
- Off-line contact chambers for closed systems or when submersible contact chambers are not appropriate
- Changed monthly

Systems Treated

- Cooling towers
- Boiler loops
- Hot and cold water loops
- Process water applications
- Waste water applications
- Ponds
- Fountains



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