



Report Number: 729

"CWT-31 PLUS"

ALKALINITY CONTROL TREATMENT PROGRAM

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CWT-31 PLUS is an alkalinity control technology program with Built-in Corrosion Inhibitors and Dispersants. "CWT-31 is by far, the most effective choice in selecting a scale & corrosion preventative for evaporative recirculated cooling systems, including evaporative condensers.

TRUE BENEFITS OF AN ALKALINITY CONTROL PROGRAM

1. By preventing "P" alkalinity from forming in the system's water and having only HCO_3 present (which is highly soluble) the system will not form scale.
2. Temporarily lowering the system's water pH to a negative index, can serve as an "on stream" gradual scale remover.
3. PH's below 8.0 will be constant in the system, making the use of low cost oxidizing biocides possible.
4. Will always allow systems concentration to be higher (5 cycles or greater)

Reducing the amount of intentional water removal from the system, to satisfy bleed off demand, is a major concern because of the high cost of today's water.

- 2 Cycles (C/C) require 100 % of the system's evaporation to be bled to the sewer and 6 cycles (C/C) requires only 20 % of the evaporation to be bled.
- When testing for TDS in the system, remember you are reading all dissolved solids. This includes the chemicals being added to the system and the minute particles resolubilized at the tower. (All towers first and foremost are air washers).

