

CWT 8204 Cooling Water Treatment (Bottles)

Blended solid concentrate CWT 8204 is a proprietary Stabilized Phosphate water treatment for corrosive conditions which utilizes the very latest anti-fouling and corrosion inhibition technology. This product contains SHMP, PBTC phosphonate, Ortho phosphate, AR 540 high performance polymer and triazole. Contains no heavy metals such as Zinc or Molybdate.

Application/Feedrate: Dose at 50ppm in the recirculating water; more or less may be needed. Maintain ortho-PO₄ at 8 ppm, maintain active polymer at 11 ppm.

Recommended Dosages: At a Dosage of 50 ppm in the recirculating water, the formulation contains the following components at the following levels. (For excessive Corrosive conditions less than 0 LSI, feedrates greater than 50 ppm may be required):

Dosage Chemical Level in Recirculating Water	Test Range		
	Total Organo Phosphonate	Digested as Orthophosphate	T-T
50 ppm	4.0 ppm	10.4 ppm	3.5 ppm

* General recommendations. It is highly recommended that a Mass Balance test be run on water of this quality. Please call AP Tech Group for more information.

Note on liquid equivalencies: @ 20 ppm, a 44 pound case of CWT 8204 bottles is equivalent to 55 gallons of conventional liquid product (approximately 500 pounds.) Comparative values will vary, dependent upon liquid concentration.

Testing & Control: Refer to above table for testing ranges. Additional testing parameters available upon request.

Product Dissolving Data: See graph at right. Data developed using DI water as the solvent.

Maximum Solubility: 2.1% @ 80° F.

Feeding: Suggested use with SolvUltima™ 75 mixing board or equivalent, with spray nozzle at 30-35 psig and with the screen cap removed. If point of application temperature exceeds 100° F, leave screen cap on.

Packaging/Storage/Handling: Case of 4 bottles, 1 gallon each @ 44 pounds per case. For optimal performance, store in temperature controlled environment at less than 85° F. Follow Safety Data Sheet (SDS) regarding proper storage and handling.

