

TECHNICAL DATA SHEET

ADENA 5121

Product #AD5121

COOLING WATER TREATMENT

ADENA 5121 is a unique blend of scale and corrosion inhibitors for open recirculating systems.

Uses:

ADENA 5121 is used in cooling water systems where make-up water has both high hardness and alkalinity. This product provides improved corrosion protection for systems that have high corrosion potential. Calcium hardness levels of 500-2,000 ppm with a pH of 9.0-10.0 can be maintained in the cooling water system with no loss in heat transfer efficiencies. Corrosion studies on systems using ADENA 5121 have shown corrosion rates of less than 0.3 mils for copper and less than 3.0 mils for mild steel. ADENA 5121 is chlorine compatible.

Product Description:

Physical State.....	Liquid
Color.....	Yellow/Blue
Density.....	9.70 lbs./gallon
pH.....	2.0

Dosage:

Start Up: Add two quarts of ADENA 5121 per 1,000 gallons of water in the system.

Recirculating: Add one pint of ADENA 5121 per 1,000 gallons of make-up water. Adjust feed rate to maintain 400-600 ppm of ADENA 5121 in the system.

On-Line Cleaning: Add 1 to 1 1/2 quarts of ADENA 5121 per 1,000 gallons make-up water. Adjust feed rate to maintain 800-1200 ppm of ADENA 5121 in the system. In all cases, maintain a minimum of 50 ppm ADENA 5121 in the system to insure corrosion protection.

For additional information on product application, contact your ADENA TECHNOLOGIES representative.

Treatment Feeding:

ADENA 5121 can be shot fed, however superior results can be achieved when added via a positive displacement chemical feed pump. For optimum results, the pump should be controlled by a contact water meter/impulse timer system.

Handling:

ADENA 5121 is an acidic material. Do not take internally. Avoid contact with skin and eyes. Should contact occur, flush immediately with water. If any discomfort persists, seek medical attention. Read relevant Material Safety Data Sheet before handling this product.

Packaging:

ADENA 5121 is packaged in 55, 30 and 15-gallon non-returnable drums.