



CL6033 Closed System Treatment

ChemTreat CL6033 Provides Advantages & Solves Customer Problems

Northeastern Biotechnology Building

Continually plagued with biocontrol problems, ChemTreat converted the chill water loop in a large biotechnology facility formerly treated with nitrite. Thousands of ppm of nitrite were being consumed, leaving acidic pH, loss of inhibitor, and biofouling. Nonoxidizing biocide applications would temporarily control nitrite loss; however, the cost of repeated applications and concern over increasing biocide organic carbon levels mandated a new approach be considered.

Faced with these challenges, the system was converted to a CL6033 Closed System Treatment. Results on the CL6033 program have been excellent. Biocide feed requirements have been dramatically reduced, corrosion rates have been <0.5 mpy on MS and <0.1 mpy on Cu, and the system has been stabilized.

Southwestern Independent Power Producer Plant

Faced with biocontrol problems, continual loss of nitrite, and customer concerns over the need for repeated biocide additions, the closed loop in a large IPP plant was converted

to CL6033. Corrosion results are better than ever (<0.1 mpy on MS and < 0.1 on Cu), the need for repeated biocide additions has been virtually eliminated, and the customer is happy that new technology was used to solve their problems.

Midwestern Automotive Parts Manufacturer

Prior to using CL6033 inhibitor, this facility was experiencing difficulty in maintaining a sodium nitrite residual because of high bacteria counts. Acceptable bacteria counts could only be maintained in the system for a matter of days following routine addition of nonoxidizing biocides.

After conversion to CL6033 approximately one year ago, results have dramatically improved with corrosion rates typically <0.1 mpy on MS and Cu/brass, and biocounts consistently <10³ CFU/ml. Over a year ago, one could not see through a flask of the chilled water. Today, the water clarity is good, and results have been excellent.

Contact your local ChemTreat Rep to find out how we can help you reduce your plant's operating costs.

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