CASE HISTORY SPOTLIGHT

Case History #145: Winter Layup of Comfort Cooling System





An industrial comfort cooling plant usually had problems with severe corrosion in cooling system piping and equipment during seasonal shutdown for the winter months. Iron flakes would peel off the piping and plug strainers and heat transfer equipment during startup the following spring, reducing efficiency and increasing system maintenance. Cooling Loop Gator® was recommended as a solution to the problem.

For application, the cooling tower basins were drained to their lowest possible operating level, and the Cooling Loop Gator® pouches were added to the water (a non-ionic biocide was also added as part of their routine practice prior to shutdown). The water-soluble Cooling Loop Gator® pouches dissolved in about five minutes, releasing the product so it could be recirculated for eight hours before draining the system. As a result, there was a very noticeable improvement in the amount of corrosion and rust compared to what normally occurred in the piping and heat transfer equipment.

To read the full case history, please visit: https://www.corteccasehistories.com/?s2member_file_down-load=access-s2member-level1/ch145.pdf

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