



Effects and Results after the Application of GREENEX™ CSD In to Cooling System

| <i>Lapsed Time</i> | <i>Visual and Tested Results</i> | <i>Explanations</i> | <i>Note</i> |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| After 1-14 days | White turbid cooling water Some amount of foam is visible | Calcium scale is sequestered out of solution. Foam is caused by surfactants in the formula. | Sequestering agents in the formula react with Calcium of formed scale. Surfactants reduce the surface tension of water with air/surface contact and water movement causing foam at the water surface. |
| After 15-30 days | Rising in water conductivity Cooling water becomes clearer, while system pressure may increase Approaching temp. decreases, While water conductivity is high | Free calcium as Ca ²⁺ causes high conductivity. Formed scale continues to dissolve and detach from surfaces and may be collected at strainers. Calcium stays soluble and does not form hardness scale, which may cause high conductivity. | Sequestering agents in the formula react with Calcium of formed scale. Check strainers for clogging. Remove detached scale. Less scale on heat transferring surfaces. |
| Following months | Good water circulation High system pressure Approaching temp. decreases Electrical consumption decreases High water conductivity | Formed scale continues to dissolve and detach from surfaces and may be collected at strainers, which may be easily removed. The system is cleaner and more efficient. Calcium is soluble and does not form scale. | Check strainers for clogging regularly. Remove detached scale, if any. |

CONVENIENT

EFFECTIVE

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