Case Study - Water Conservation

Megabrewery seeks to reduce water consumption

SITUATION

- Brewer desired to reduce the process water needed for lubrication, and protect employees from wet floor environments
- Glass bottles on plastic conveyor chains

ACTIONS

- Ecolab worked with the brewer to develop a lubricant and control system that minimizes water use and improves plant aesthetics and safety
- Implemented a dry lubricant technology to achieve a precise lubricity on the conveyors

DryExx™ GF
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RESULTS DELIVERED

- Utility savings
  - Water Softening Costs
  - COD/BOD
- Employee safety benefits
- Aesthetics, no foam/dry environment
- Cleaner nozzles and conveyors
- Ability to redeploy labor due to more efficient cleaning
- Lack of future drip pan and water softener installations
- Peroxide spend reduction

HARD SAVINGS DELIVERED

2,100,000 gallons of water reduction on one line

$8400 per year in water savings and chemical savings