

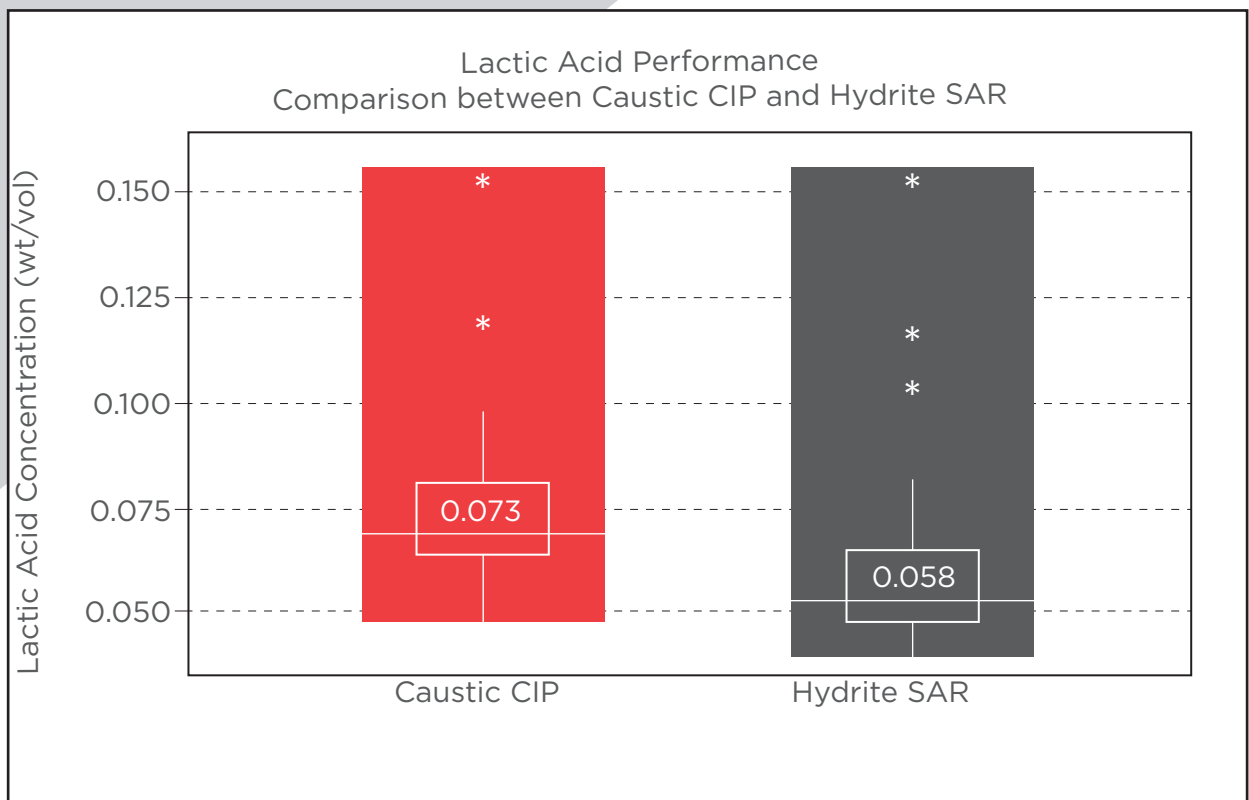
# Hydrite SAR Case Study



## HYDRITE SAR TO REPLACE CAUSTIC IN PLANT CIP

### Benefits of Hydrite SAR

- Removal of Caustic Soda and Sulfuric Acid
  - Less sodium -> Lower yeast stress
  - Less sulfur in the system -> Lower potential sulfate in the ethanol
- Reduction in cleaning chemistry used
  - Reduce 11 combined bulk loads of NaOH and H<sub>2</sub>SO<sub>4</sub> down to four totes per month
- All-in-one, concentrated product
- Requires stainless steel plant construction in order to prevent material incompatibility



**SAR saved the customer over \$300K in total chemical savings**

Providing Creative Solutions



Hydrite specializes in the investment of our customers and servicing them with manufacturing and operational solutions.

Technical Expertise | Manufacturing Capabilities and Flexibility  
Quality Products | Innovative Solutions | Local Logistics

## The HYDRITE Advantage

### Chemical Experts

Our team is experienced and dedicated to providing technical support and services that help maximize efficiency and profitability all while maintaining or enhancing the quality of your end-product. Partner with Hydrite to see how our people make the difference.

### Customized Programs

Every plant is unique and we understand that. We customize a solution for each location and application. Contact us today to learn more about our quality products, services, technology, and solutions.

### Quality Focus

We understand how important it is to protect your brand and maintain the trust your customers place in you. Let us help you by delivering a quality solution at the most efficient cost.

### Customer Service

At Hydrite, we form partnerships with our customers and provide them with the best possible and most efficient operational solution. Contact us today to see how we are different.

### Supportive Approach

We feature a variety of creative solutions designed to lower operating costs, improve efficiency, and help you protect your brand. Join the many satisfied Hydrite customers that have experienced the Hydrite Advantage.

#### FOR MORE INFORMATION:

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TRUSTED, TECHNICAL, DEPENDABLE

