

## REFINERY VERTICAL HEAT EXCHANGER CLEANING

A refinery was experiencing cooling issues throughout their entire cooling system. Shutting the plant down in order to replace the heat exchanger was not an option as this would cost \$1 million every day that the line is not operating! Due to the severity of the situation, the refinery needed a chemical that is reliable, has a history of dissolving scale safely, effectively and quickly! Naturally, **RYDLYME** was the only choice!

**RYDLYME** was delivered the same day the refinery placed their order so they could get to work immediately! 300 gallons of **RYDLYME** was diluted to 50% with an additional 300 gallons of water. The solution was circulated throughout the 30'X20' heat exchanger for 6 hours. Once the **RYDLYME** solution was drained, the maintenance crew was stunned! The heat exchanger was back to OEM specification! They are now firm believers in **RYDLYME** and plan to clean the rest of their cooling system!



### CHALLENGE

A refinery was having a hard time keeping their cooling system efficient - one of their heat exchanges had significant scaling on the shell & tubes.

### SOLUTION

A total of 300 gallons of **RYDLYME** was circulated through the heat exchanger for 6 hours.

### RESULTS

The heat exchangers were restored to OEM specifications. **RYDLYME** saved the refinery over \$1 million a day!