



CASE STUDY

Manufactured Since 1942 by: Apex Engineering Products Corporation



COMPRESSED AIR COOLER CLEANING

A Western Steel Mill was facing very high temperatures on three of their 450 HP Trane centrifugal air compressors. The culprit was water scale deposit covering the surface area of the cooler's tubes. Fortunately, the client found a solution in the biodegradable descaler, **RYDLYME**. Utilizing 35 gallons of **RYDLYME**, the descaler was circulated for 4 hours via a 350 GPM pump using flexible hoses and camlock adapters.

The personnel were extremely impressed with the **RYDLYME** cleaning results! After the cleaning, the cooler tubes were inspected and looked brand new. **RYDLYME** was able to dissolve all water scale from the tubes as well as drastically reduce the temperatures. Personnel reported a 30° temperature drop after the **RYDLYME** cleaning. "Although only 35 gallons were utilized, the improvement was significant due to densely packed tubes and tendency for water channeling" - Plant Engineer.



Cooler Tubes Before



Cooler Tubes After

CHALLENGE

Thick water scale deposits had accumulated within three sets of compressor tubes at a Western Steel Mill.

SOLUTION

35 gallons of **RYDLYME** was circulated via a 350 GPM pump with flexible hoses and camlock adapters for 4 hours on each.

RESULTS

After the **RYDLYME** cleaning, personnel had reported a 30° temperature drop and were pleasantly surprised with the quick circulation time!