AUTOMOTIVE INDUSTRY

# CASE STUDY

Manufactured Since 1942 by: Apex Engineering Products Corporation

RYDLYME®
World's Leading Biodegradable Descaler

# AUTOMOTIVE AIR COMPRESSOR CLEANING

A Midwest automotive manufacturer was experiencing issues on their Ingersoll-Rand air compressor. After inspection, the main issue was water scale build up within the equipment. The inlet water temperature before the ***RYDLYME*** cleaning was 80° and the outlet air temperature was 160°.

140 gallons of ***RYDLYME*** was circulated through the system for 3 hours. After a water flush, the air compressor was returned to service. The outlet air temperature was now 110°, dropping an incredible 50° and bringing the temperature differential down to only 30°! The plant personnel were amazed at the amount of temperature drop! With the dramatic improvement in efficiency, the plant was convinced to then use ***RYDLYME*** clean other pieces of water operated equipment including their condensers!

## CHALLENGE

Water scale was creating cooling issues on an Ingersoll-Rand air compressor at a Midwest automotive manufacturer.

## SOLUTION

140 gallons of ***RYDLYME*** was circulated for 3 hours with a water flush after the ***RYDLYME*** cleaning was completed.

## RESULTS

After the ***RYDLYME*** cleaning, the air temperature was dropped from 160° to 110°, dropping an incredible 50° and bringing the temperature differential down to only 30°!


APEX ENGINEERING PRODUCTS CORPORATION
An ISO 9001 Certified Company

800.451.6291
630.820.8888

1241 Shoreline Drive
Aurora, IL 60504

info@ApexEngineeringProducts.com
www.ApexEngineeringProducts.com