



## CUSTOMER: LARGE INDUSTRIAL MANUFACTURER

**Industry/Market:** Heavy Machinery and Vehicles

**Product Type:** Cleaner

**Product Number:** 5205000000

**Machinery Involved:** N/A

**Description of Environment:** Reman Engine Disassembly and Cleaning

**Volume Used:** 500 gallons per year

**Date of Use:** 1st quarter 2015 to present

**Documented Cost Savings:** \$10,000 per year



### ▷ DESCRIPTION OF PROBLEM

This 400 gallon immersion tank receives parts that are either acid or caustic cleaned, and the purpose of this process is to eliminate corrosion from these previous steps. Crankshafts, cylinder rod, bolts, turbo supports and bell housings are some of the parts received. The tank is maintained at a 135°F with a two minute cycle time.

### ▷ SOLUTION

Our team identified that the chemical used in this process was overpriced and under performing. Switching to the CT LFRP not only greatly reduced the price per gallon but the concentration was reduced more than half, while providing more corrosion protection without changing other operating parameters.

### ▷ CUSTOMER TESTIMONIAL

Senior management at the facility has recognized this success to the point that Chemtool has been invited to participate in more projects to offer even more value.