

## Challenge

### Goal

- Clean heavy deposits of oil, grease, and dirt off the outside of heavy equipment before maintenance in the shop. This typically includes electric motors, valves, transformers, gear boxes, etc
- Cleaning must be done quickly, efficiently, and with minimum impact to the environment
- Improve worker safety
- Protect electric motors from chemical attack

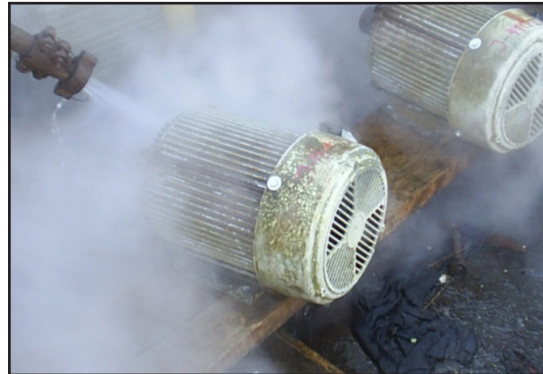


The oil and grease is easily separated from the biodegradable cleaner for proper disposal.

## Solution

### Product

1. Degrease with **Chesterton 803 IMS II** at 10% concentration. This product is a water-based, biodegradable, industrial degreaser designed for efficient cleaning. Applied through a heated pressure washer, all deposits are quickly removed
2. After water rinsing, the equipment is transferred into the shop for the required maintenance
3. The final step was to coat with ARC S4 to protect against chemical attack



Pressure washing with 10% Chesterton 803 IMS II.

## Results

### Improved Productivity & Savings

- After cleaning with **Chesterton 803 IMS II**, the electric motors could be easily disassembled, and were electrically and mechanically rebuilt
- Meter life was extended, contributing to increased relining



Cleaned electric motor after coating with ARC S4.