

Challenge

Background

The staff at this plant attempted to control bearing contamination of equipment in wet and dusty parts of the facility by frequent greasing, but this turned out ineffective.

The practice led to over greasing of bearings, leading to frequent bearing and motor failure. In addition, some areas were in hard-to-reach locations.



Over greasing led to frequent bearing failure.

Solution

Product

Installed a **Chesterton Lubri-Cup™ VG Mini** Automatic Lubricant Dispenser to apply **Chesterton 630 SXCF**, a synthetic, high-load, corrosion-resistant grease on each electric motor bearing.

Based on bearing size and speed, the **Lubri-Cup™ VG Mini** was set for six months. It applies the correct amount of grease at the necessary intervals.



A combination of high-performance grease applied in a controlled manner via the Chesterton Lubri-Cup.

Results

This combined solution resulted in a 75% reduction in electric motor failures on ash, coal, and scrubber areas.

It dramatically increased productivity, and reduced significant repair costs.



The plant experience a 75% reduction in motor failures.