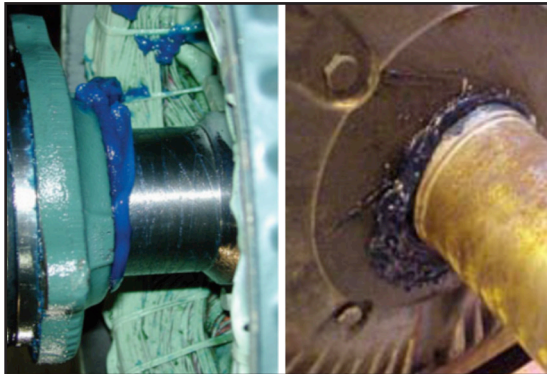


Challenge

Background

This power plant replaced many motors each year. The performance of electric motors in wet, corrosive, and dusty environments is often challenged by bearing and winding failure.

Typical polyurea grease does not survive environmental exposure, vibration, and high speed shear. Bearings become corroded, while oil and “thinned” grease contaminates windings.



Power plants have challenging environments for reliable motor performance.

Solution

Product

Chesterton solves this issue with the use of **Chesterton 630 SXCF** and **635 SXC** high-performance greases applied using **Chesterton Lubri-Cup EM™** Automatic Lubricant Dispensers. Chesterton QBT™ Quiet Bearing Technology grease is water- and corrosion-resistant. It offers shear stability and thermal resistance to maintain grease consistency and eliminate potential winding contamination



A high-performing grease applied consistently can extend the life and performance of motors significantly.

Results

This combined solution reduced bearing related motor replacement at this plant by up to 90%.

A typical mill replacing 15 to 30 motors a year can reduce electric motor replacement and save up to \$400,000 in motor-related costs.

\$=USD



Chesterton Lubri-Cup™ Automatic Lubricant Dispenser provides peace of mind maintenance.