

Challenge

Background

This power plant had difficulty maintaining proper lubrication for the conveyor drive bearings. The critical take up and head pulley bearings were prone to failure.

The lubrication issue resulted in a failure of a tensioning bearing and the loss of the main coal conveyor for 24 hours.



Maintaining proper lubrication for conveyor bearings was difficult.

Solution

Product

Installed 10 **Chesterton Lubri-Cup™ EM** Automatic Lubricant Dispensers (single point) to grease critical bearings with a precise amount of grease at designated intervals to avoid under- or over-greasing of bearings.

Switched to **Chesterton 615 HTG #2** high-performance, corrosion inhibited grease for maximum performance.



Automatic lubrication systems now provide just the right amount of grease.

Results

With the installation of the lubrication system, the plant has not experienced any failures of critical bearings.

The plant was also issued a safety award since the automatic lubricators have eliminated the need for plant personnel to access the individual bearings for lubrication.



A safety award was an added benefit.