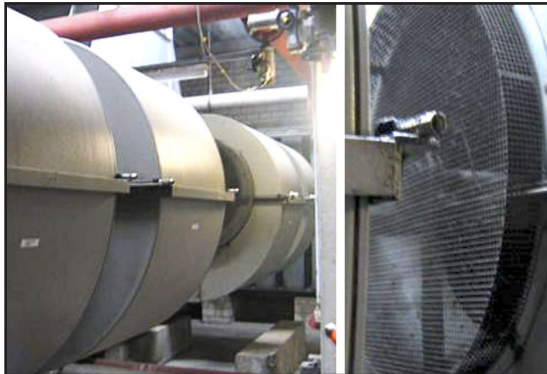


## Challenge

### Background

The HVAC System consisting of 17 horizontal fans was lubricated by 34 spring-loaded automatic lubricators.

- The dispensers are refilled every 6 months, requiring 5-9 hours total.
- Due to low spring pressure and seasonal temperature changes, the volume of grease dispensed was unreliable and sporadic bearing failure occurred.



Greasing hard-to-reach fan bearings was dangerous, unreliable, and time consuming.

## Solution

### Product

Install 17 **Chesterton Lubri-Cup™ EM** units with 2-point remote installation kits to lubricate the units. The dispenser was set up within easy reach; servicing is safer and very simple.

- Due to bearing size and speed, a 12-month re-lube setting was selected.
- **Chesterton 615 High-Temperature Grease (HTG) #1** was used as the bearing lubricant due to length of delivery tubing.



Chesterton Lubri-Cup™ EM with 2-point installation Kit and Chesterton 615 HTG #1.

## Results

**Chesterton Lubri-Cup™ EM/615 HTG #1** solution has performed flawlessly.

- Replacing the **615 HTG #1** service kit requires only 5 minutes per unit/year.
- Due to the reduced use of grease and reliable delivery, bearing failure has been eliminated.
- The system is now maintained by the internal plant personnel vs. an outside contractor.

**Annual Cost:** **-\$3,750**

Annual Cost with Chesterton: \$ 715

**Annual Savings:** **\$3,035**

\$=USD



All 17 fans now run trouble free.