



# Krytox™ 226FG

Performance Lubricants

## Corrugator Pre-Heater Application

UK corrugator improves productivity and reliability by switching lubricants.

### **Corrugator in UK reduces lubrication frequency and increases bearing service life**

A UK manufacturer of corrugated products wanted to extend the interval between re-lubrication of the support bearings in its steam-fed paper pre-heating cylinders, while also decreasing wear and tear on the bearings.

### **The Challenge**

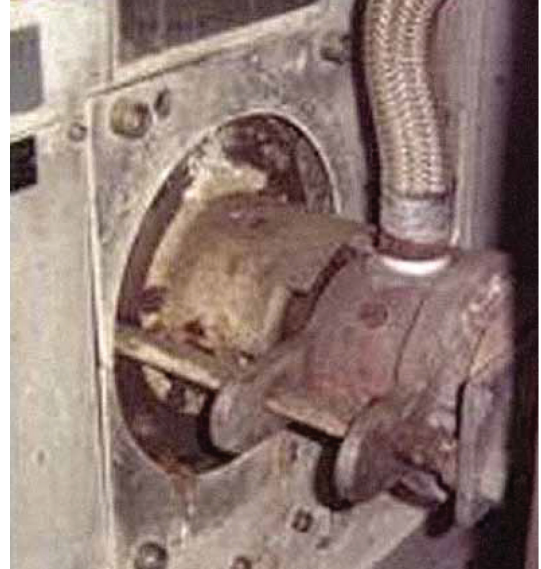
This manufacturer needed a lubricant that would provide superior lubricity and protection from rust and high-temperature corrosion. In addition, the lubricant needed to be compatible with the metals and elastomers used in this equipment and not cause carbon residue build-up.

## The Solution

Corrugator Krytox™ 226FG, a food-grade lubricant that features consistent and reliable performance, easily met the challenges of this application while extending the lubrication cycle. It is compatible with all metals and elastomers, and is resistant to water, steam, and chemicals. Unlike conventional lubricants that carbonize at high temperatures and destroy bearings, Corrugator Krytox™ 226FG grease retains its integrity and continues to provide superior lubricity. By decreasing bearing failures, this grease was able to help minimize equipment downtime, enabling the manufacturer to improve productivity.

## Key Advantages

- Using Corrugator Krytox™ 226FG grease, the manufacturer was able to extend the lubrication cycle while increasing the service life of the support bearings, resulting in less downtime and greater productivity.
- Technical service experts from Chemours have developed grease conversion protocols for the corrugator industry to help make switching lubricants faster and easier.
- Corrugator Krytox™ 226FG can be used in glue machine bearings and in any steam-heated cylinder, including pressure, pressure belt, and corrugator rolls.
- Corrugator Krytox™ 226FG is NSF H-1 certified as safe for incidental food-contact applications, making it ideal for paperboard plants supplying food packaging.



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