

DuPont Reliability

Krytox® Technology delivers a step change in Sootblower Performance



The Problem

Sootblower carriages need constant monitoring and repair. High temperature steam passing by the gearbox and through the lance bearing hub causes lubricant breakdown leading to seal, bearing and gear failure. This results in:

- Maintenance effort to pull, replace, and rebuild carriages
- Safety & housekeeping challenges
- Constant PM to inspect and keep units running
- Seal leakage
- Large part of maintenance budget and time dedicated to sootblowers
- Equipment replacement
- Boiler operating inefficiencies due to sootblower failure and downtime

Though not always recognized, these issues can result from inadequate lubrication technology.

The Solution

DuPont sootblower technology (Patent Pending) with Krytox® lubrication has been designed and demonstrated to provide the best available equipment performance and lowest available life cycle cost.

The offer delivers:

- Maintenance and capital savings
- Improved boiler operating and environmental performance
- One technology for full boiler conversion
- Ongoing support to deliver performance and savings
- Application training for implementation by your maintenance team
- Demonstrated by OEM testing to extend carriage life beyond 20 years
- Extended warranty
- Krytox® SB grease based on Teflon® technology formulated to lubricate and protect sootblower seals, bearings, and gears
 - Designed to take the heat without breaking down
 - Continues to protect your carriage components
 - No need for PM or relubrication



The miracles of science™



Demonstrated Solutions

Demonstrated in OEM testing to significantly extend carriage life Krytox® technology has provided state-of-the-art performance for mechanical systems under harsh conditions. From gearboxes, bearings and chains — to seals, actuators, valves and more — Krytox® serves the specialized needs of:

- Pulp and paper mills and converting plants
- Automotive components
- Military and commercial aircraft
- Chemical plants
- Power plants
- Turbine generators and other critical industrial applications.

Upgrade Your Sootblower Program Now

To get started we'll need some basic background information to better understand your boiler operation. This information will provide a framework to evaluate the technical and economic benefits for a step change in sootblower reliability.

For more information or technical assistance, call DuPont:
or visit DuPont on the Web:

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