



Krytox™ XP 2A5

Performance Lubricants

Mounted Roller Bearing Application

A Mexican metal work manufacturer improves productivity and saves money by switching lubricants.

Manufacturer in Mexico extends service life of bearings and reduces lubrication frequency

A Mexican metal work manufacturer that supplies painted automotive and houseware parts to assemblers was experiencing frequent bearing failures in the conveyor system of its paint booths, despite a weekly re-lubrication cycle. These failures were costly in terms of replacement bearings and lost productivity..

The Challenge

The manufacturer needed a grease that could deliver good long-term lubricity to bearings that must operate under high loads and exposure to chemicals. The grease that the manufacturer was using was being washed away by the solvents in the paint spray, causing the bearings to seize. Corrosion was another major problem.

The Solution

After switching to Krytox™ XP 2A5 grease from Chemours, the manufacturer no longer experienced bearing failures. In addition to avoiding unscheduled downtime due to seized bearings, a common occurrence in the past, the manufacturer has been able to significantly extend the re-lubrication cycle—from once a week to once every seven weeks. And, even after seven weeks, the bearings still showed no signs of wear or corrosion.

Key Advantages

- Using Krytox™ XP 2A5 grease, the manufacturer was able to improve productivity by eliminating frequent downtime, due to bearing failures, as well as by extending the re-lubrication cycle from weekly to once every seven weeks.
- The anti-corrosion protection of the additive in Krytox™ XP 2A5 grease reduces corrosion, and promotes longer grease and bearing life.
- Krytox™ XP 2A5 can be used in similar applications where bearings operate under high loads and the potential for corrosion exists.

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