

MULTILINE SFI LUBRICATION SYSTEM EXTENDS POTATO PROCESSOR'S BEARING LIFE UP TO 4X

CHALLENGE ▼

Still relying primarily on single point lubricators and after struggling with failing competitors' multiple-line lubricating systems, the senior lubricant technician at a premium potato processing plant approached the Timken team in search of a better solution. On the current system, when one lube line failed, the entire system shut down. They were also having to replace bearings daily because of insufficient lubrication. Many applications were very wet, making it difficult to keep moisture out of the bearings. Additionally, some applications drove very large bearings carrying heavy loads.

GROENEVELD SOLUTION ▼

The Timken team recommended Groeneveld's MultiLine self-install automatic lubrication systems to replace the failing competitor kits and numerous single point lubricators. The new MultiLine systems consistently delivered just the right amount of food-grade lubricant, eliminating waste but keeping the bearings fully lubricated, even in the harsh conditions and in those hard-to-reach problem areas. If by chance a line gets clogged, only that line is impacted while the rest of the system keeps providing lubricant to protect equipment and keep production moving.

RESULTS THAT MATTER ▼

Bearing life immediately improved. Instead of replacing bearings daily, with the hope of a bearing lasting one year, their bearings now last 3-4 years. The challenge of finding people willing to get to those hard-to-reach places to maintain lubricators is no longer a concern with the automatic system. With eight systems installed and more on the way, the biggest improvement according to the lubrication technician is that the equipment is being maintained the best way possible, with the right amount of lubrication being delivered on a consistent basis, assuring maximum effectiveness and efficiency with minimal waste.

- Bearing life increased up to 4X
- Reduced waste and downtime as a result of proper lubrication
- Reduced manpower needed to manually lubricate equipment



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