

\$200 Up to \$200 per minute is the average cost of conveyor downtime

Challenge

Conveyors play a critical role in your business, transferring product between the filling lines to packaging. They also have the potential to hinder your operational efficiency and decrease the overall productivity of your plant, if they aren't well managed and maintained. Lubrication is essential to the speed, as well as the throughput of the filling lines and the reduction of wear. It also impacts health and safety, water and energy consumption and effluent quality.

Increasing production demands put additional pressure on your conveyor system, often resulting in higher running costs and increased downtime for older systems. With the average cost of downtime reported at up to \$200 per minute*, the efficient running of your conveyors is ever more critical. In our experience, efficient lubrication of the conveyor system has been shown to reduce the volume of fallen and damaged packs significantly - by 30% in recent examples, equating to a \$70k saving for one brewery canning line†.

Solution

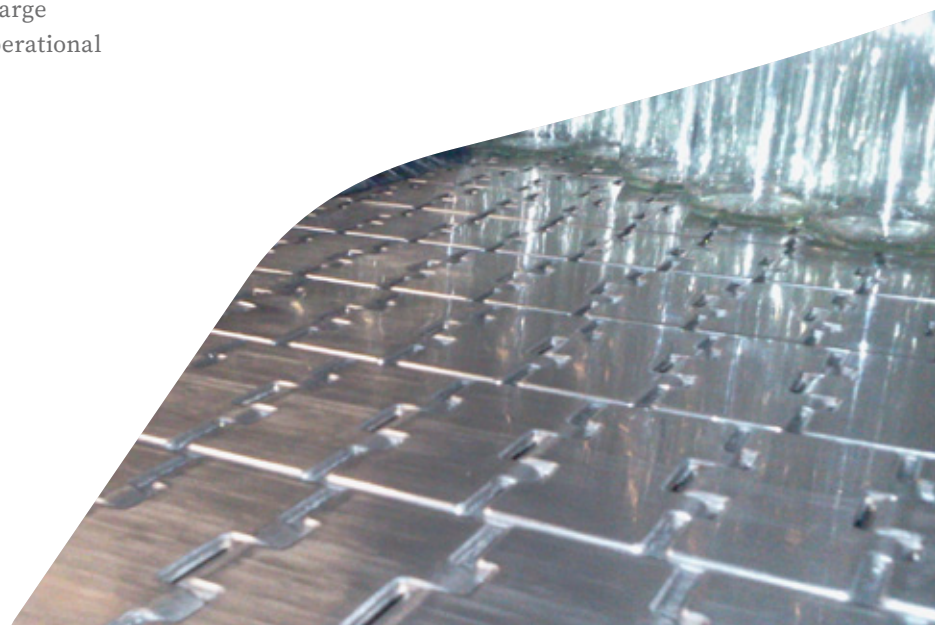
Using Diversey LubeCheck you will benefit from a detailed analysis of your conveyor systems. Our structured, standardised and automated assessment based on technology, expertise and service components provides enhanced lubrication and hygiene, lower component wear, reduced water usage and spent solution discharge volumes, resulting in a safer workplace and your operational efficiency.

Value



With Diversey LubeCheck you can:

- Optimize line efficiency, reduce line stoppages, extend the life of components, and increase the safety of the bottling hall
- Identify areas of inefficiency and prioritise areas of improvement and the actions to be taken
- Determine whether incremental improvements such as the selection of a high performance lubricant will benefit your process, improving efficiency and reducing wear on bearings and pins
- Benchmark your business against industry performance using Diversey LubeCheck's analytic tools



Process

Achieve the best lubrication cost possible while minimising production interruptions, and lower the need for header, nozzle and distribution system cleaning with Diversey LubeCheck.

With Diversey LubeCheck's systematic approach, robust management systems, training and optimisation plans:

- We will help you discover if your conveyor system is under-performing and determine whether a comprehensive Diversey LubeCheck will result in meaningful improvement.
- Our service team, will conduct a detailed probe into your conveyor system to assess the system design, the chemical consumption and friction, audit the lubrication efficiency, reviewing conveyor hygiene and conduct a sustainability and safety review.
- You'll get a an analysis benchmarking your performance against industry standards and a detailed report identifying areas of improvement.

Following the Diversey LubeCheck, you'll receive recommendations based on your objectives:

- Improved safety
- Improved hygiene
- Improved line efficiency
- Improved economics
- Reduced water consumption
- Reduced energy usage
- Reduced CO₂ emissions

Your operational efficiency and total cost of ownership will be positively impacted as a result of Diversey LubeCheck's clear, structured process that identifies and prioritises improvement actions.



Diversey Services

LubeCheck is one solution within the Diversey portfolio of Knowledge-based Services. These services are designed to help you address food safety and operational efficiency challenges while reducing total costs. Our application specialists carry out a systematic CHECK, so you will have confidence that the service will deliver real value to your operations. Then, our monitoring services will collect the data for you to benefit from a detailed initial and on-going ANALYSIS of your performance against historic and industry benchmark data. Because the result is a tailored action plan, which can then be implemented with help from the Diversey team, you'll be able to SOLVE critical challenges that will help you make the biggest impact on improvements.

Case study



Location:

Brewery can line, UK

Challenge:

A need to improve safety in the production hall where floors were covered in wet lube.

Solution:

Over 95% water reduction from seamer outfeed to packers.



0 slip

contributed to lubrication



3M

Over 3 million litre reduction



100%

improvement in plastic belt life



2%

improvement in package stability

When you initiate an LubeCheck, our sector specialists won't be satisfied with just providing a report – they will help you maximise ROI and optimize your savings and efficiency best by working with you as a partner to define, implement and manage projects. Contact us today to get started:

www.Solenis.com/diversey-kbs



*Diversey benchmark study and industry sources. †Figure based on Diversey achieved result - reduction of can loss from 1% to 0.7%. All facilities are different. The impact for your site will be calculated as part of an initial Diversey LubeCheck scan.

www.solenis.com

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