

100% reduction in water used for conveyor lubrication*



Value



With Diversey DryFormance you can:

- **Reduce fallen, wasted containers.** The combination of the Diversey DryFormance distribution system, application method and specially formulated lubricant allows the precise control of package / container flow during the packaging process.
- **Improve Asset Care.** The life-span of plastic conveyors belts running with a Diversey DryFormance system is dramatically increased, extending the life by at least 100%. Additionally, because the conveyors operate under dry conditions, mechanical components will degrade slower, with replacement frequency decreasing and emergency shut-down time reduced.
- **Improve Health, Safety and Hygiene.** In the food and beverage industry some 90% of slips result from wet or contaminated floors. Using Diversey DryFormance eliminates the use of water for conveyor lubrication and creates a safer, more hygienic working environment.
- Reduces your water consumption by up to 100%, reduces effluent load and reduces strain on your conveyor motors which in turn reduces energy consumption.
- **Reduced CO₂ emissions** – The reduction of power consumption, Waste-water treatment and the recycling and replacement of wasted packages has a direct impact on CO₂ emissions.
- Reduce the chemical cleaning requirement and removal of biological growth, especially in PET packaging lines.



Challenge

Effective high speed conveying of cartons, cans, bottles and kegs between filling and packaging machines is one of the most important requirements of running an efficient packaging line. To assist the movement of packages, conveyor lubrication is used. Traditionally, a soap and water 'wet lube' solution has been used. But, this method can be water intensive, having a negative impact on your water:product ratio, resulting in wet, slippery floors in the production area and creating the ideal environment for biological growth.

Solution

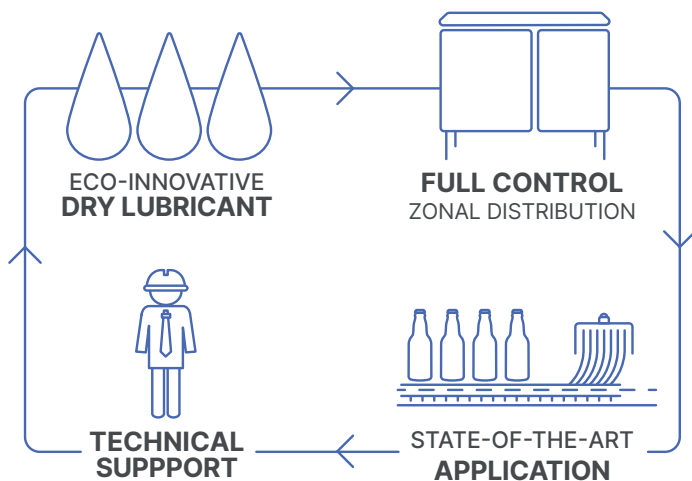
Diversey DryFormance combines water-free conveyor lubrication with packaging line engineering excellence to deliver against water reduction and health and safety targets as well as improving your overall operational efficiency and helping you to meet your sustainability commitments.

Process

With Diversey DryFormance your conveyor lubrication system becomes one less thing for you to think about.

A Diversey DryFormance installation provides the full management of your conveyor lubrication system and includes; servicing, lubricant, spare parts and maintenance, all built into one monthly service charge.

Our specialists will audit your current conveyor lubrication system, including a review of all conveyors, measuring the CoF and motor temperatures to understand the methodology of the line, its characteristics and define the areas where we will deliver real benefits.



Following the audit a full Diversey DryFormance proposal will be generated outlining the system required, the operational benefits you can expect to achieve and the return on your investment.

On agreement of the project Diversey DryFormance engineers will install and commission the new conveyor lubrication system to a schedule that minimises impact to your production schedule.

Diversey Services

DryFormance 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 a Diversey DryFormance, our sector specialists won't be satisfied with just providing a report – they will help you maximise ROI and optimise your savings and efficiency best by working with you as a partner to define, implement and manage projects: www.solenis.com/en/products-and-services/food-and-beverage-production/knowledge-based-services/

*Actual achieved result up to 100%. All beverage processes are different and we will calculate the impact on your site as part of an initial Diversey DryFormance assessment.

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