



What if you could run your package conveying system without interruptions?

Dicolube Protect

Worried about constant production interruptions?

Dairy production is a continuous manufacturing process that relies on proper machinery synchronization to ensure high production output. To avoid production loss and increase output, clean running conveyor systems are critical in supplying product to each production step.



VALUE



Efficient lubrication and low friction coefficient



Water, energy and chemical savings



Durable, clean, long lasting control



The Challenges of Conveying Milk Containers

1. Ensure the highest production output without risking food safety
2. Provide adequate lubrication on soiled areas while preventing biofouling
3. Enhance the sustainability of your conveying system

CASE STUDY



OPERATIONAL EFFICIENCY

Location:
Large North American Dairy Plant

- Challenge:**
- 1) Increased chemical and water usage from multiple OPC events
 - 2) Nozzle clogging due to temperature fluctuation
 - 3) Unsanitary conditions caused by overfilling
 - 4) Poor lubricity causing conveyor chain breakage

Solution:
Dicolube Protect was introduced to the system, resulting in a reduction of plugged nozzles, the elimination of sanitation issues and curdled milk in the filler room, and increased operational and resource efficiency.



TIME

130 hrs

a year saved in time dedicated to OPC and maintenance



WATER

26,000

gallons of water saved annually



CHEMICAL

8.3%

reduction in chemistry



SAFETY



Reduced slippage, increased operator safety



Dicolube Protect



Biofouling on Package Conveying Systems

Water quality and the absence of residual biofouling are critical to an effective, durable lubrication system.

Biofouling growth on container conveying systems is a critical issue in the food and beverage industry.

Dicolube Protect combines two biocidal ingredients to ensure long lasting cleanliness and delaying the formation of soils commonly found in packaging lines.



System Auditing and Monitoring

Correct lubrication dispensing system layout is critical to ensure the right amount of lubricant on targeted areas.

Correct system zoning results in cost effective operation and improved line efficiency.

Biofouling can occur without warning or history of existing issues, even after months of use. Constant support from the right lubricant supplier ensures proactive and corrective actions.



Sustainable Lubrication Solution

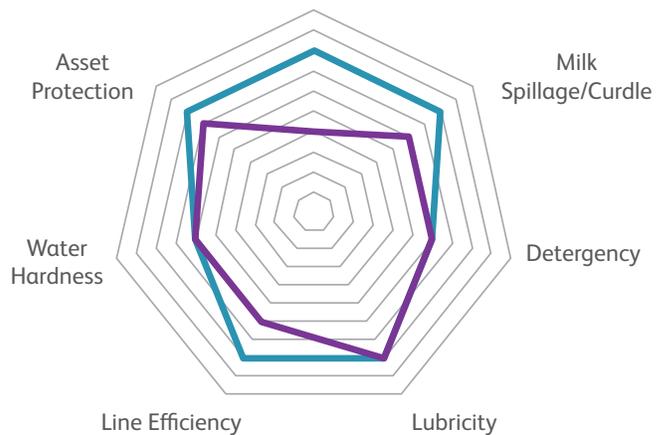
Diversey's application expertise and portfolio of industry leading chemistry provides enhanced performance with minimal ecological impact:

- Optimized consumption of lubricants
- Reduced shock treatments to remove biofouled water
- Energy savings due to operational efficiency.

Dicolube Protect is your improved lubrication solution

- Improves lubrication without compromising productivity or quality standards
- Effective in heavily soiled processing areas
- Significant cost savings through water, chemical, and wastewater reduction
- Enhance sustainability of production process
- New & Improved formula promotes efficient and effective protection from biofouling and associated soil build up
- Professional installation, dosage recommendations, and industry knowledge from Diversey experts

Enhanced Performance



Comparison of Dicolube Protect with market benchmarks on key lubrication attributes

- Dicolube Protect
- Benchmark 1

Diversey has been, and always will be, a pioneer and facilitator for life. We constantly deliver revolutionary cleaning and hygiene technologies that provide total confidence to our customers across all of our global sectors. Diversey is headquartered in Fort Mill, SC, USA.

For more information, visit www.diversey.com or follow us on social media.

