

sia. LUBRANOL DRG &







PRODUCT DESCRIPTION

Silicone-free dry **NSF** lubricant with **H1** certification for easy to clean and food safe conveyor lubrication with minimal impact on the environment.

Food safe quality solution

Focusing on:

- Environmental impact including wastewater treatment
- User safety (exposure to the concentrated and in-use product)
- Food safety (NSF H1 certification)





ADVANTAGES & BENEFITS



Food safety

- Silicone-free: facilitated cleaning providing cleaner lines
- For plastic and stainless-steel conveyor systems with metal cans and PET, PE-HD, polycarbonate and cardboard packaging
- Also suitable for glass bottles on plastic conveyor system



Industrial performance

Low product consumption Optimized line hygiene due to the absence of water



Environment

Ready-to-use product

= no dilution

Dry application = no wastewater



User safety

No slippery floors = reduction of risks of falling



LUBRANOL DRG





PROTOCOL



Concentration: pure, undiluted.



Timing: to be adapted to each individual area (seconds/hour).

Before performing a practical test, it is essential to carry out a complete clean of the distribution network and conveyors. For optimal results, regularly applying standard OPC procedures is recommended.





SUCCESS CASE - MILK BRICKS



Line: 1 liter milk bricks on plastic conveyors **Competitor product:** silicone based

Trial

Spray temporization 10" ON/60' OFF with competitor product to 5" ON/100' OFF with **LUBRANOL DRG**

Results

Friction coefficients improved Cleaner lines



Very good performance of **LUBRANOL DRG** (attention to overdosing resulting in excessive gliding at packing machine)

Product consumption: -55% with room for improvement

Next steps

Lower **LUBRANOL DRG** spraying (longer OFF times)
Remove nozzles spraying with water
Optimise line conditions (pressure in distribution network and filters with non-return valve in nozzles)



LUBRANOL DRG





PROTOCOL



Concentration: pure, undiluted.



Timing: to be adapted to each individual area (seconds/hour).

Before performing a practical test, it is essential to carry out a complete clean of the distribution network and conveyors. For optimal results, regularly applying standard OPC procedures is recommended.





SUCCESS CASE - METAL CANS



Line: metal cans (250, 330 & 500 ml) on plastic (Teflon) conveyors

Line capacity: 600 000 hl/year

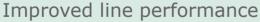
Previous product: 0,3-0,4%v LUBRANOL SN (hybrid conditions)

Trial

Spray temporisation 8" ON/100" OFF with LUBRANOL SN to 10" ON/9h OFF with LUBRANOL DRG

Results

Friction coefficients equivalent (0,04-0,06)



Improved line hygiene (no biocide treatment required)

Regular cleaning of conveyors to remove dirt accumulation (also

before)

Improved safety: **dry floors**

Water consumption (incl. OPC): -85%

Product consumption: -40%



Install regular OPC of conveyors

