

**Arla Foods - One of the largest milk producing companies in the world.**

Arla is the biggest in Europe and takes hygiene seriously.

Arla approached DropsA to review maintenance procedures and see if any downtime can be saved by adding automatic lubrication systems to the lines.



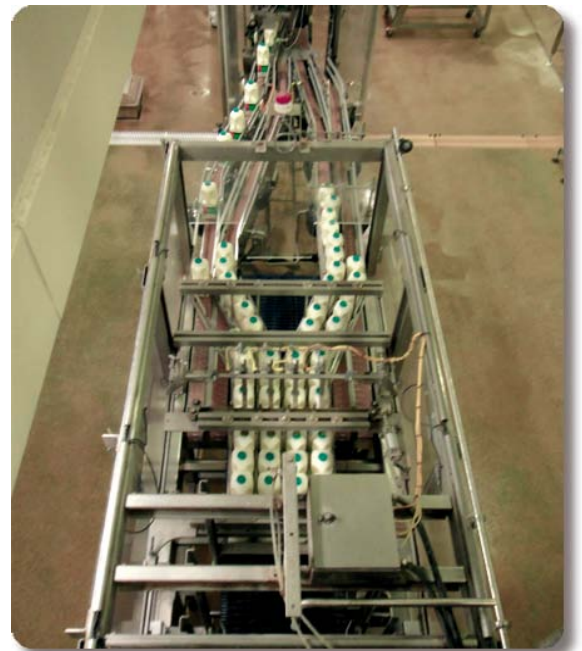
Ideally the milk lines would run 24 hours 7 days a week. Instead they have a maintenance day that last for 14 hours.

One of the processes within this 14 hour down time period was a manual lubrication schedule of 61 bearings.

Some of these bearing were 3 meters in the air with very poor accessibility. Other bearings were in areas which are not accessible during production.

Some bearings were simpler as they were conveyor bearings. The complete system had to be of stainless steel 316.

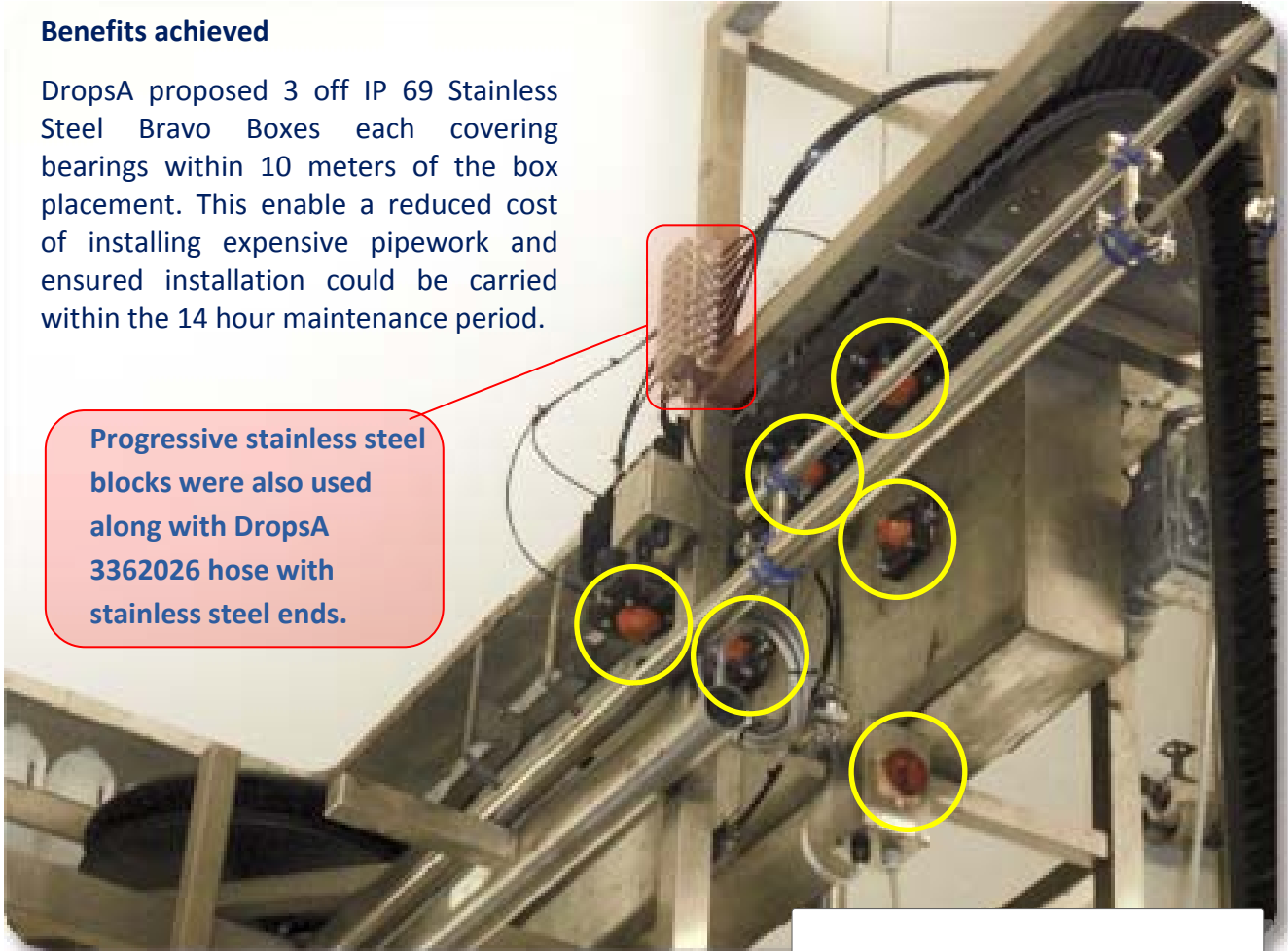
Special care on the main pump box had to be taken during manufacturing to ensure it met IP 69 standards as requested by the customer.



### Benefits achieved

DropsA proposed 3 off IP 69 Stainless Steel Bravo Boxes each covering bearings within 10 meters of the box placement. This enable a reduced cost of installing expensive pipework and ensured installation could be carried within the 14 hour maintenance period.

Progressive stainless steel blocks were also used along with DropsA 3362026 hose with stainless steel ends.



#### **Bravo Pump**

The small grease pump package with big features It is suited for not only for indoor industrial applications but also mobile plant and vehicle lubrication systems.



#### **Smx Stainless Steel**

The Modular progressive distributors is up to 70 times more resistant to corrosion in the field than the previous zinc plating lubrication.



## Before

Before - When DropsA primed the system the old grease from the bearing had not been renewed for a long time.



## After

After - Fresh grease being pumped through during commissioning shows the food safe grease at its natural clear color.



## ARLA proposal layout

