

case study

Serving up Savings: for Leading Soft Drinks Company

Brammer
Buck &
Hickman

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RUBIX



Contamination
Reduction



Easy Maintenance
and Cleaning



Enhanced
Chain Life

Brammer Buck & Hickman, Europe's leading distributor of industrial maintenance, repair and overhaul (MRO) products and services has provided a leading brewery with significant cost savings by simply changing hose reels.

Adding Value

The soft drinks manufacturer, a longstanding customer of Brammer Buck & Hickman, had noted an issue with one of their packing machines. The chains had been suffering from early chain failure due to cardboard dust contamination.

Contamination from paper and cardboard dust had been building up on the lubricated chain which had been reducing the effectiveness of the brush applied lubrication process. Causing uneven lubrication and consequential chain wear, this had been leading to misalignment of parallel chains resulting in additional maintenance intervention.

Furthermore, excessive lubrication was causing contamination of product and machine, requiring extra maintenance plus cleaning of the machine and the environment to comply with health and safety regulations.

The customer had also been suffering from a considerable production loss due to contamination of packaging by external lubricant process. The uneven

chain wear on-site was causing a miss-feed of cartons leading to operator/engineering intervention and increased production downtime. For the customer, it was a vital requirement to reduce the downtime required to clean and maintain the machine.



Creating Solutions

Working in partnership with their supplier, Brammer Buck & Hickman, recommended a lube-free chain, for the tray packing machines to solve the contamination issues. The chain is identical dimensionally to the original chain used by the customer previously, meaning conversion did not require any modification to the machine, except switching off the lubrication system.

The original equipment manufactured chain required the application of expensive food-grade lubrication to prevent wear, whereas the new chain does not require any lubrication.

The new chain also offers reduced maintenance and cleaning.

Providing Savings

Since the implementation of the new solution the premature chain stretch and failure on this machine has been resolved. The new chain is monitored every three months and now Brammer Buck & Hickman is proud to announce that after four years the chains are showing no noticeable stretch or wear.

The lubrication-free chain system has delivered a longer more consistent product service life, whilst converting the entire machine to reducing the maintenance work for cleaning and cost of lubrication.

A Taster of Services for the Soft Drinks Industry

Have you seen our new Soft Drinks Sector Brochure? Packed full of all your go-to industry-specific information receive yours by contacting 0870 240 2100 or by visiting your local branch.

Contact us to find out more:

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