



## Case Study

### BEARINGS & LUBRICATION



Industry sector:  
**FOOD & BEVERAGE**

Application:  
**GRASSELI MEAT SLICER**

Actual saving:  
**£1,456**

Payback period:  
**1 YEAR**



**INCREASED**  
production



**REDUCED**  
risk of injury



**LOWER**  
lubricant usage

# When the right application reduces risk, consumption, time and cost

Research has suggested that lubrication related issues have risen by a staggering 18% in the last five years, but these inconvenient and unnecessary problems can be significantly reduced, even avoided, by selecting the right lubricating application.

Making the correct decision will lead to continual cost savings, reductions in manual labour and associated downtime and injuries, paving the way for improved plant efficiency and machine performance.



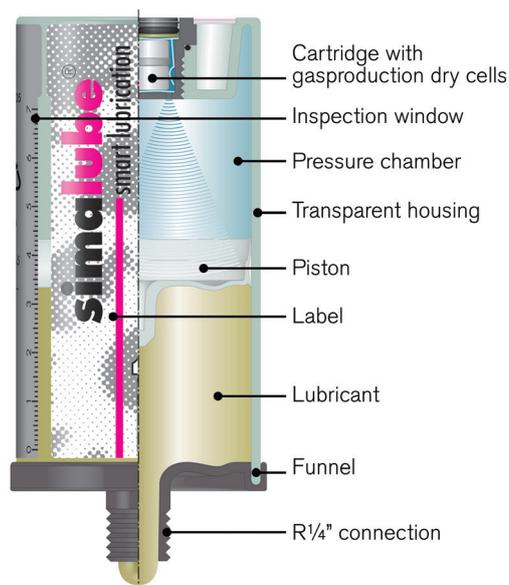
## THE ISSUE

One UK meat manufacturer was experiencing problems with several of its Grasselli slicing machines, which are used to ensure the precise cutting of its meat products.

Due to the inconvenient positioning of the current lubrication points, the customer was losing time and money when the lubricant had completely discharged, and replenishment was required.

The machines were currently lubricated with Permabond 125ml units, which the customer was having to purchase through the OEM.

But ERIKS bearings specialists were called to site to source an alternative – one that would drive down the time and costs associated with the required maintenance.





## THE SOLUTION

Following careful assessment of the units, the usage and speeds of the bearings were calculated, and Simalube Automatic Lubricators were promoted to the customer.

Completely removing the need for manual lubrication, the unique and ingenious design of a Simalube Automatic Lubricator boasts a multitude of benefits.

## “ Reduced costs by up to 30% ”

Running continuously from one month to a full year, and adjustable in an infinitely variable manner, customers can reduce costs by up to 30%.

Grease points are served consistently, and at the correct lubrication interval, ensuring that there's no over or under lubrication, inevitably extending the lifetime of equipment.

Available in a variety of sizes, 15ml units were deemed as sufficient to ensure that the application was lubricated correctly.

## “ Saved 20 minutes per week, per unit ”

And due to the convenient size of the units, they could be attached directly to the bearings, removing the requirement for any hose.

On the back of the first installation, the customer called back and requested a further three Simalube Automatic Lubricators were fitted.

By installing four units, it has been calculated that the customer has saved 20 minutes per week, per unit, valued at £7. Therefore a £28 per week saving, totalling £1,456 for the year, has been achieved.

Following the success of the installation, the customer has also enquired about installing cartridges on nine of its Multivac machines, with estimated cost savings in a similar region per unit.

## OUTCOMES & BENEFITS

- The customer has received guaranteed cost savings of £28 per week, leading to £1,456 over a full 12 month period
- Calculations revealed that the customer didn't require as much lubricant as currently specified
- Smaller, more convenient units have been installed, reducing the time maintenance engineers spend of lubricating hard-to-reach points
- Time savings calculated at approximately 20 minutes per week, per unit
- The new units have also reduced the risk of injury to the customers engineers