



Summary

Industry:	Food - Bakery & Cereals
Application:	Icing/Creaming Machine
Actual Saving:	£1,040,000 per six months
Payback Period:	Immediately



Seals Produce 10 Million Extra Biscuits a Week

O-rings & Rotary Shaft Seals decrease downtime to the tune of 10 million biscuits a week

ISSUE

A well known biscuit manufacturer was experiencing problems with their biscuit filling machine. The original seals, comprising of an O-Ring and Rotary shaft seal were manufactured in a non FDA material and only lasted 7 days. As a result production would stop once a week and the machine would be offline for 24hrs whilst new seals were installed.

SOLUTION

The customer contacted ERIKS Sealing Technology to look into a better solution. An application engineer advised the customer to use a specialist FDA approved and mechanically stronger material.

As a result, new O-Rings & Rotary shaft seals were supplied in PU-95-166, which is an exceptionally low coefficient friction resistant material which will last for a minimum of 6 months, resulting in significant downtime improvement and increased production capacity. In addition the FDA approved materials aid FDA compliance for the customer.

The cost saving calculation is made by dividing the extra 260,000,000 biscuits produced every six months by 25 biscuits in a packet and multiplying this by an estimated cost of 10p to produce each packet.

OTHER BENEFITS

- Increased line production at less cost per annum
- Prominent colour improves visibility of any fragments that may fall into the product
- Fully FDA approved material
- 10 million extra biscuits a week

FURTHER COMMENTS...

The extended life of the ERIKS specified seal now allows the manufacturer to produce a further 260,000,000 biscuits in a 6 month period.

MORE INFORMATION

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