



Summary



Industry:	Pharmaceutical
Application:	O Ring Re-design Batch Loss Solution
Actual Saving:	£37,500
Payback Period:	Undisclosed



ERIKS Solve an O Ring Problem For a Pharmaceutical Company

The New Design Increased the O Ring Life and Ensured a Boost in Production

ISSUE

An issue was identified on an existing bonded O ring. Due to the joint design of this O ring it was causing the O ring to prematurely fail, resulting in unplanned maintenance and loss of product and production downtime.

The original O ring had a planned maintenance allocation to be changed once every 12 months, but was prematurely failing leading to contamination of finished product which had to be scrapped.

SOLUTION

After thorough discussion a possible solution to use fully molded O rings was agreed. ERIKS had brand new tooling manufactured to produce the fully molded O rings.

The customer change control process was followed closely and as the material compound of the O ring remained constant and only the sealing design was improved, the customer approved the change.

With the new ERIKS designed O ring in place, premature failures have been prevented and significant production savings are being achieved.

OTHER BENEFITS

- Prevented Premature Failure
- Increased Production
- Reduced Maintenance Costs
- Reduced Downtime

FURTHER COMMENTS...

With the new ERIKS-designed O ring in place, premature failures have been prevented and significant production savings are being achieved.

MORE INFORMATION

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