



ENVIRONMENTAL TECHNOLOGY

Upgrading component seals with M0FCA plug-in seals

One of the largest dairies in Ireland is upgrading from industry standard component type seals to AESSEAL® M0FCA unitized plug-in seals after a successful 4 and a half year trial. The dairy operates 60 Fristam pumps on site and the upgrade will save the dairy around £10,000 a year.

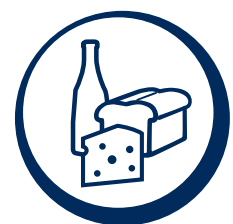
The cost of the M0FCA unitized plug-in seal is around £200 more expensive than the industry standard component type seals currently used. However, on average the Dairy is changing out the industry standard component type seals every 6 months, and with each change including around 2 hours of downtime, the dairy is incurring unnecessary maintenance and production costs.

During the 4 and half year trial, the pump had to be removed for maintenance, as other pump parts had worn out. As the M0FCA seal had not been leaking, it was carefully removed whilst the worn pump parts were replaced, and then plugged back in and has continued to run leak free to date. This increased MTBF meant that the added £200 initial investment actually saves the Dairy around £10,000 a year.

The M0FCA is designed to optimise the amount of cool, clean water that is circulated around the seal faces, increasing seal reliability. The industry standard component type seals are generally supplied as separate parts, often totalling 18 parts or more increasing stocking, selection, assembly and installation costs. With the M0FCA being a one piece pre-assembled plug-in seal, it significantly reduces these costs and if the seal unit isn't leaking, the M0FCA can be carefully removed & refitted to the pump after routine maintenance.

'Upgrading 60 Fristam Pumps'

Industry: Food & Beverage
Product: M0FCA plug-in seal
Savings: £10,000 per annum



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