



ENVIRONMENTAL TECHNOLOGY

AESSEAL® helps UK firm to multi-million pound savings

A leading UK company is set to save more than £5 million over five years following the installation of AESSEAL® LabTecta®OP bearing protectors.

The Aircrete block manufacturer specializes in road contracting and in the production of construction materials and building products. It has a workforce of around 7,000 people employed on more than 400 sites across the UK.

Its range of building products includes lightweight Aircrete concrete blocks. However, in the course of the production process, the company was experiencing the persistent bearing failure due to contamination of the bearings in the wheels of the autoclaves. Each autoclave has more than 100 wheels, and with some 3,400 failures a year, the MTBF was running at less than seven months. The result was a yearly bill of almost £620,000 a year in repairs and maintenance, in addition to the loss of an average of two hours a week in downtime, which amounted to a yearly cost of £728,000 in lost production.

The total cost to the company, including repairs and maintenance, downtime, and labour costs, was around £1,400,000 a year. The solution was the installation of new wheels fitted with AESSEAL® LabTecta®OP bearing protectors, which are specifically designed to prevent fluid leakage. The total cost of this investment, at just under £1,100,000, means that it will have paid for itself in under a year. Savings over the next five-year period will be more than £5.5 million.



‘Saving more than £5.5 million over five years’

Industry: Construction
Product: LabTecta®OP
Application: Autoclaves
Savings: >£1 million each year
Reference N.O: TD3084392



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