



ENVIRONMENTAL TECHNOLOGY

Improved reliability for Flygt pump

A water utility company in the United Arab Emirates were dissatisfied with the performance of the mechanical seals in its Flygt pump.

The seal had a mean time between failure (MTBF) of just 4 months, caused by the harsh environment damaging the fragile construction materials (plastics) used in the seal. In addition the cost and delivery time of replacement seals was high. Unhappy with the situation the customer approached AESSEAL® for an alternative solution.

AESSEAL® recommended installing the N-TO5VC seal. This seal is constructed with stainless steel components with a fully integrated sleeve. The new seal was installed in October 2020 and has been working without problems for 7 months so far. The cost of the seal is about three times less than the original seals and is available on fast delivery's. The customer estimates that within the first 7 months they have saved almost £4,000 and are considering similar upgrades to other Flygt pumps on site.



'Big savings, improved reliability and fast delivery'

Industry:	Water & Waste
Product:	N-TO5VC
Application:	Flygt pump
MTBF Increase:	75% (and counting)
Savings:	£4,000
Reference N.O:	CS0125



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