



ENVIRONMENTAL TECHNOLOGY

AESSEAL® raises spirits at UK distillery

An international food and beverage company was reporting frequent pump failures at one of its UK distilleries, resulting in leakage and loss of product.

In one particular 12 month period, one of its two pumps failed eight times, the other seven times, which meant that there was an ongoing risk of a total shutdown of production. In addition, the recommended cleaning method on the single cartridge seals was nitric acid, so any leakage had serious health and safety implications.

The breakdowns also had a financial cost, with each repair taking two people anything from four to six hours, resulting in a repair bill of up to £800 for each failure, as well as £800 for the replacement seal. Total estimated costs for the two pumps amounted to £24,000 in one year.

The remedy proposed by AESSEAL® was an upgrade from the OEM single cartridge seal to the installation of its DMSF™ and EasyClean™ system. The EasyClean™ system is part of the latest development in water and oil barrier fluid management systems, and specifically designed for use in environments which require a high level of hygiene, such as the food and beverage industry.

An additional advantage of the EasyClean™ vessel is that it is easily disassembled for inspection and cleaning, simply by removing a clamp on the bottom section of the vessel.

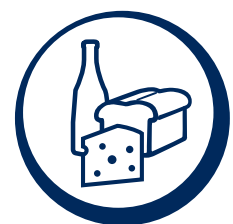
The system was installed on time in July 2022, and commissioned by the AESSEAL® technical support team. More than four years later, it is still operating trouble-free, saving the company an estimated £96,000 and 360 man hours over four years.

The customer was extremely happy with the solution and have since upgraded all their wash pumps with DMSF™ and EasyClean™.



‘Reliability increased from <2 months to >4 years’

Industry:	Food & Beverage
Product:	DMSF™ and EasyClean™
Application:	Distillery Pumps
MTBF Increase:	>2,300% (and counting)
Savings:	>£96,000 / \$128,000 (and counting)
Reference N.O:	TD3097838



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