



ENVIRONMENTAL TECHNOLOGY

AESSEAL® system aids clean-up at US feed mill

A US company specialising in the manufacture of animal feed additives was reporting the loss of significant amounts of water due to leakage from double component seals.

The problem was compounded by the fact that the accumulation of water on the floor of the mill was leading to the growth of contaminants, requiring a regular and costly clean-up.

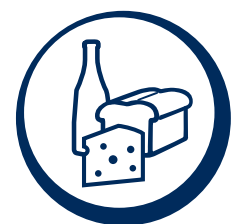
AESSEAL's solution was a 10 litre EasyClean™ seal support system, which is considered ideal where it is important to eliminate product contamination. The split design of the vessel means the fluid tank can be easily cleaned and inspected, thereby reducing the risk of foreign objects or bacteria entering the process.

The system was installed in May 2021. It successfully eliminated the growth of contaminants, and significantly reduced water consumption. The previous MTBF of one year has already been exceeded, with the system continuing to work perfectly one and a half years later. Annual savings of \$3,200 per pump gave a payback period of just nine months. Annual water consumption has been reduced by 473,000 gallons per pump. With 50 pumps on site this is a saving of \$160,000 and over 23 million gallons of water for the entire plant, **each year**.



'Saving 23 million gallons of water each year'

Industry:	Food & Beverage
Product:	EasyClean™
Application:	Transfer pumps
MTBF Increase:	150% (and counting)
Water Savings:	>34.5 million gallons (and counting)
Savings:	\$240,000 (and counting)
Reference N.O:	TD3075350



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