



ENVIRONMENTAL TECHNOLOGY

CKS™ the right ingredient at Spanish food plant

The installation of the AESSEAL® CKS™ single stationary cartridge seal was the remedy for frequent seal failures on a transfer pump at a food and beverage plant in the Spanish province of Catalonia.

The transfer pump moves fluid between tanks, and any breakdown can result in a serious disruption to production. The problems were arising from particulates and moisture in the bearing housing, which were causing contamination of the bearings and premature seal failure.

When AESSEAL® was asked to provide a possible solution, it recommended the installation of a CKS™ single stationary cartridge seal, a sealing solution suitable for all industry sectors.

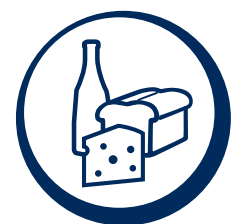
This was installed in February 2023 along with a LabTecta® bearing protector, and has been operating for more than 18 months without a problem. This compares with an MTBF of just three months for the competitor's seal previously in use. In the 18 months since installation, the CKS™ had saved the company between €5,000 and €6,000 in repair and maintenance costs and lost production.

The company has at least another six transfer pumps at the plant in which the CKS™ seal could also be installed, with potential savings of €40,000 to €48,000 a year.



'Reliability increase from 3 months to >18 months'

Industry:	Food & Beverage
Product:	CKS™ and LabTecta®
Application:	Liquid Transfer Between Tank
MTBF Increase:	500% (and counting)
Savings:	>€5,000 / \$5,300 (and counting)
Reference N.O:	TD3110371



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