



ENVIRONMENTAL TECHNOLOGY

DMSF™ keeps its cool in hot application

A Danish food processing company has saved around \$150,000 over five years following the installation in January 2020 of the AESSEAL® DMSF™ double cartridge mechanical seal.

The DMSF™ seal replaced a competitor's seal in which the seal faces were cracking every one to two months as a result of the extreme heat of the application and unstable fluid film.

The highly durable DMSF™ seal is designed to withstand barrier and process pressure fluctuations, improving plant uptime and reducing maintenance costs. Its features include world-leading barrier fluid pumping and seal face cooling and a unique bi-directional pumping ring which delivers high volumes of barrier fluid to the inboard and outboard seal faces.

The company has reported that the seal now operates at temperatures cool enough to avoid frequent failures, saving them tens of thousands of dollars a year in replacement and maintenance costs.



‘MTBF increased from 1-2 months to 6-9 months’

Industry:	Food & Beverage
Product:	DMSF™
Application:	Skin from pigs
MTBF Increase:	350-500%
Savings:	\$150,000
Reference N.O:	TD3125422



aes seal.com/info