



ENVIRONMENTAL TECHNOLOGY

AESSEAL product solves seal failure problem

The installation of an SISR™ seal with Plan 62 was the solution to the persistent seal failures being experienced by a South African chemical company.

In this case, previous mechanical seal failures in a hot molten sulphur application lead to catastrophic pump failures every 3-4 months.

The Plan 62 reduces oxidation and coking of the product, and flushes away unwanted material, prolonging the life of the seal. In addition, the installation of a LabTecta bearing protector seal helped to prevent steam from entering the bearing housing.

The new seal was installed in August 2020, and 18 months later is still running without any problems. As well as being happy with the efficiency of the new system, which is projected to lead to savings of around R100,000 (\$6,400) a year, the company was also impressed by the service provided by AESSEAL® personnel after hours, and their ability to provide a solution to what had been an ongoing problem.



‘Impressed with after hours assistance provided’

Industry:	Chemical
Product:	SISR™
Application:	Molten Sulphur
MTBF Increase:	350-500% (and counting)
Savings:	R100,000 (\$6,400) each year
Reference N.O:	CS0177



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