AESSEAL®
ENVIRONMENTAL TECHNOLOGY

Mechanical seals runs an incredible 17 years without problems

Tongaat Hullett Sugar were unhappy with the amount of maintenance required on the sealing of one of its pumps.

The pumps on site were all sealed with gland packing and the mean time between failure for this particular pump was just 2 weeks. When the pump failed the plant had to stop operations for 4 hours at a cost of ZAR 300,000 per hour as there was no back up pump. Unhappy with this situation the customer turned to AESSEAL® for assistance.

AESSEAL® recommended replacing the gland packing with a Convertor II™ cartridge mechanical seal. The new seal was installed in July 2004 and ran without problems for 17 years before it failed in May 2021. This solution was the first time a mechanical seal had been used to seal a pump on this site and saved them approximately ZAR 1,200,000 per year.

‘Superbly Reliable’

Industry:	Food & Beverage
Product:	Convertor II™
Application:	Cooling water booster pump
MTBF Increase:	8900%
Savings:	ZAR1,200,000 / year
Reference N.O:	CS0064

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