



ENVIRONMENTAL TECHNOLOGY

AESSEAL® is always available to help when needed

A South African mining company was continually being forced to halt operations at one of its plants when a competitor’s seal persistently failed at start-up.

The failure of the pump meant that the tailings could not be pumped to the tailings dam, bringing the plant to a standstill, while the pump was stripped down and repaired. The breakdowns were occurring every few weeks and were so frequent that the supplier ran out of repair kits.

The remedy provided by AESSEAL® was the installation in July 2022 of its 100mm TPDS™ seal, which was specifically designed as a high-performance solution for difficult applications, capable of withstanding barrier and process pressure fluctuations seen in tailings applications.

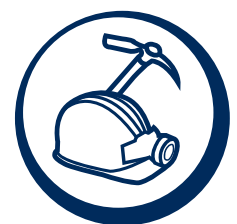
Following the installation, the MTBF improved dramatically from just a few weeks to almost two years. As a result, the company decided to replace all the competitor’s seals with the AESSEAL® TPDS™ seals on the final (fifth) stage of the process. Their greater reliability has helped the company to dramatically reduce plant downtime and the cost of repair and maintenance.

An engineer with the company said:

“AESSEAL® is always available to help when needed, both with any onsite problems and with the prompt supply of seals.”

‘Reliability increased from <3 weeks to 22 months’

Industry:	Mining
Product:	TPDS™ High Pressure Seal
Application:	Tailings Pump
MTBF Increase:	3100%
Reference N.O:	TD3104257



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