



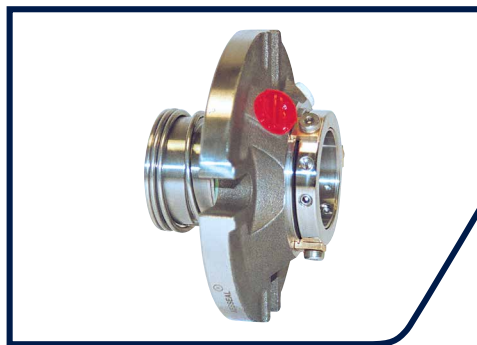
ENVIRONMENTAL TECHNOLOGY

Reliability upgrade improves Mean Time Between Failure from 1 week to 8 months.

Major chemical company SASOL were experiencing premature seal failure on one of its process pumps.

The pump shaft had a lot of axial movement that was damaging the mechanical seal. The mean time between failure (MTBF) was just 1 week so SASOL turned to AESSEAL® for assistance.

AESSEAL® recommended replacing with a TPOC™ seal which can accommodate a larger axial movement than the original solution. The new solution was installed in 2018 and has proved to be significantly more reliable with the MTBF improving to 8 months. The customer has made savings of approximately ZAR180,000 per year and been able to reduce the time spent on plant inspections.



'3100% Mean Time Between Failure increase'

Industry:	Chemical
Product:	TPOC
Application:	Process pump
MTBF Increase:	3100%
Savings:	ZAR180,000 (\$11,756)
Reference N.O:	CS0071



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