



ENVIRONMENTAL TECHNOLOGY

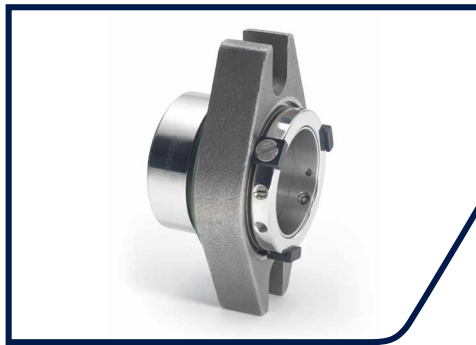
Reduced maintenance after change to mechanical seal

A change from gland packing to an AESSEAL® Convertor II™ mechanical seal has helped the South African energy and chemical company Sasol cut costs by greatly reducing maintenance requirements.

The gland packing needed tightening on average every two weeks, and had to be changed every four to eight weeks. It was replaced by the mechanical seal in March 2021 without the need for any modification, and the new system is still operating problem-free 10 months later.

Sasol has commended the speed of delivery of the seal, which was received within a week of the order being placed. A further two are being held in stock for immediate delivery if required. Costs have been reduced from the R19,000 (\$1,200) for the gland packing, which was lasting between one and two months, to R12,500 (\$800) for the Convertor II™, which is still in place.

AESSEAL® have since upgraded six more pumps with a further two due to be changed.



‘>400% Mean Time Between Failure increase’

Industry:	Chemical
Product:	Convertor II™
Application:	Fire water pumps
MTBF Increase:	400% (and counting)
Savings:	R82,500 (\$5,200) and counting
Reference N.O:	CS0175



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