



ENVIRONMENTAL TECHNOLOGY

## Seal upgrades save over US\$3.4million in seven years

A company in the Oil and Gas industry in Qatar was dissatisfied with the reliability of the mechanical seal used in crude export and oil/water booster pumps.

The seal had a mean time between failure (MTBF) of just seven months as a result of extreme process contamination.

AESSEAL® recommended installing a CAPI™ type A dual seal and changing the barrier fluid to diesel oil from hydraulic oil to improve the seal face lubrication. The new solution was installed in 2015 and is still running successfully over seven years later. The MTBF has improved significantly from just seven months to over seven years and counting. The customer estimates that by making the change they have saved almost US\$55,000 per year per pump. To date they have upgraded nine pumps and saved more than US\$3.4 million.



## ‘MTBF increase from 7 months to over 7 years’

Industry:	Oil & Gas
Product:	CAPI™ Type A
Application:	Crude export / water booster pump
MTBF Increase:	1,100% (and counting)
Savings:	US\$3,429,468 (and counting)
Reference N.O:	CS0128



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