



ENVIRONMENTAL TECHNOLOGY

## Upgraded mixer seal delivers £28,000 in maintenance savings

A leading product manufacturer for the Chemical industry had excessive seal failure from their top entry mixer seal.

The original seal was installed as a top entry seal on a reactor vessel. The seal was connected to an API plan 54 seal support system with a barrier fluid of Di-ethylene Glycol. The seal was failing 3 to 4 times every year at a cost of £6,000 per seal repair.

The customer advised that replacing the agitator was not an option. The modular product design of AESSEAL® enabled a solution to be developed that addressed the current reliability issues without modifying or changing the application. AESSEAL® replaced the unreliable original seal with a CDMSC double mixer seal that is designed to withstand the excessive shaft movement from this application. This cost effective solution had a payback period of 2 months, and delivered a £28,000 per year saving on maintenance costs.



### “Increasing reliability and a £28,000 yearly saving”

Industry:	Chemical
Product:	CDMSC & API Plan 54
Application:	Top entry vessel
Payback Period:	2 Months
Savings:	£28,000 / year (maintenance)
Reference N.O:	CH00497



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