



ENVIRONMENTAL TECHNOLOGY

Major savings follow change to AESSEAL FIDC™

The decision to replace a competitor's dual seal with the AESSEAL FIDC™ (Flow-Induced Dual Cartridge Seal) has saved a Middle Eastern oil company an estimated \$125,460 a year since the AESSEAL® product was installed in 2019.

The complexity of a competitor's dual-component seals was resulting in frequent mistakes during the installation process. The result was that the seals were failing on average every nine months and sometimes after only one or two weeks. This was causing frequent unplanned downtime, with loss of production costing the company thousands of dollars per day.

By contrast, AESSEAL's FIDC™ seal has a modular construction suitable for a wide range of applications. Because cartridge seals are assembled, pre-set and tested before leaving the factory, the risk of mistakes being made during the installation process and the possibility of damage to the seal faces from excessive handling are greatly reduced. This also results in greater reliability and a much safer operating environment.

The success of the FIDC™ has prompted the company to upgrade 14 other pumps with the same technology.



'Saving more than \$125,000 a year'

Industry:	Oil & Gas
Product:	FIDC™
Application:	Feed water pump
MTBF Increase:	566%
Savings:	\$706,729
Reference N.O:	TD3121443



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