



ENVIRONMENTAL TECHNOLOGY

## **CDSA™ dual seal solves leakage problem for US company**

Leaks of caustic material from a competitor's single mechanical seal were causing problems for a chemical company in Louisiana. The single seal was proving to be inadequate, and the lack of an effective support system to maintain sufficient pressure was allowing the caustic material to erode the seal, causing failures to occur on average every six months.

AESSEAL® recommended the installation of its CDSA™ dual cartridge mechanical seal, which is designed for high-performance sealing and is frequently paired with API Plan 53A pressurized barrier fluid systems to prevent any emissions of process fluids. The barrier fluid also acts as a lubricant, extending seal life.

The combination of the CDSA™ dual seal with the API Plan 53A is ideal for dangerous, hazardous, toxic, or inflammable process fluids where it is vital that they are not allowed to leak into the atmosphere. It contributes to safer working conditions and ensures environmental compliance in the use of hazardous substances. In this case, it is being installed along with an SW2™ water management system, putting an end to the leaks and eliminating delays to the production process.



## **'Upgrade to double seal eliminates caustic leaks'**

Industry: Petrochemical  
Product: CDSA™ & SW2™  
Application: Caustic pump  
Reference N.O: TD3140381



[aes seal.com/info](http://aes seal.com/info)