



AESSEAL® upgrade removes safety risk

A sealant being used on an Sulzer APP3 pump by a Spanish biofuel company was leaking each time the pump was stopped.

The sealant was diluted sodium hydroxide (NaOH), which is highly corrosive, even in diluted form. The leakage was not only damaging the base of the pump, but also endangering employees working close by, who were at risk of chemical burns.

To remedy the problem, AESSEAL® recommended replacing the existing system with its CURC™ mechanical seal conversion, which is specifically designed for use with the Sulzer APP/APT range of pumps. The installation in June 2018 prevented any further leakage, and most importantly, removed the health and safety risk to the company's employees.

Where the previous sealing solution was failing after an average of around six months, the CURC™ was lasting for more than three years.

The company has since installed CURC™ seals on all its Sulzer APP/APT pumps, and the successful record of these AESSEAL® products over the past six years has led to further sales, both at this plant, and at another in the same area.



'Reliability increased to more than 3 years'

Industry:	Bio-ethanol
Product:	CURC™
Application:	Sulzer APP3 pump
MTBF Increase:	500%
Reference N.O:	TD3103149

