



ENVIRONMENTAL TECHNOLOGY

AESSEAL® product improves reliability at Swedish plant

A pulp and paper company in Sweden was having problems with the persistent failure of the seal on a hot boiler application. Ineffective cooling of the sealing water and the inability of the elastomers to cope with the high temperatures meant that the seal was failing every three to four months.

To remedy the problem, AESSEAL® recommended the installation of its DMSF™ double mechanical seal. The DMSF™ range was designed as a high-performance sealing solution for difficult applications and is the most technologically advanced mechanical seal in its class, able to withstand barrier and process pressure fluctuations. Its features include world-leading barrier fluid pumping and seal face cooling.

The new seal was installed in October 2015, and more than doubled the MTBF to between 10 and 12 months, saving the company 40,000 Swedish kroner a year (US\$3,800) in repairs, and reducing the number of unplanned shutdowns.

The success of the installation resulted in discussions between AESSEAL® and the customer with a view to trialling an SW02 water management system in order to make further efficiencies.



‘Longer MTBF and lower maintenance costs’

Industry:	Pulp & Paper
Product:	DMSF™ & SW02™
Application:	Hot Boiler
MTBF Increase:	>150%
Savings:	>\$34,000 (and counting)
Reference N.O:	TD3107678



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