



Swedish plant makes savings with DMSF™

The persistent failure of the seal in a boiler application was causing problems for a pulp and paper company in Sweden.

The ineffective cooling of the sealing water meant that the seal was failing every five to eight months, leaving the company with hefty repair bills and leaving little time for preventive maintenance.

When the company turned to AESSEAL® in search of a possible solution, AESSEAL® recommended the installation of its DMSF™ double mechanical seal. The DMSF™ range is a high-performance seal for difficult applications. Acknowledged as the most technologically advanced mechanical seal in its class, it is able to withstand barrier and process pressure fluctuations and features world-leading barrier fluid pumping and seal face cooling.

The new seal was installed in August 2020 and increased the MTBF from between five and eight months to two years. This has saved the company 50,000 Swedish kroner a year (US\$4,750) in repair and maintenance bills, while at the same time greatly reducing the number of unplanned shutdowns.

The success of the installation resulted in discussions between AESSEAL® and the customer on the installation of a water management system in order to make further water and energy savings.



‘Reliability increase from <8 months to 2 years’

Industry:	Pulp & Paper
Product:	DMSF™
Application:	Boiler
MTBF Increase:	200%
Savings:	>\$19,000 (and counting)
Reference N.O:	TD3107673

