



AESSEAL® solves leakage problem at US

The installation of double cartridge mechanical seals and a water management system has solved a persistent leakage problem at a US paper mill.

A condensate separator pump was running dry and failing at least once a year. In addition to the cost of repairs, the single seal was leaking hot condensate to the floor. The company's seal supplier had failed to offer any suggestions as to how the problem might be corrected, so the company consulted AESSEAL® to find a possible remedy.

The solution was found with the installation in March 2022 of 1.750" DMSF™ double cartridge mechanical seals and a 25 litre SWC™ water management system, along with a heat guard to eliminate the possibility of injuries from contact with the hot surface of the tank.

There have been no seal failures since installation. The separator runs dry from time to time but the SWC™ condensate system ensures that the seal is constantly lubricated. As a result, the company has saved around \$3,500 a year in repairs, and more than \$500 in the cost of condensate. The AESSEAL® equipment has meant improved reliability, and no leakage of condensate to the floor of the plant.



'Improved reliability and no leakage of condensate'

Industry:	Pulp & Paper
Product:	DMSF™ and SWC™
Application:	Condensate Separator Pump
MTBF Increase:	100% (and counting)
Savings:	\$4,000 each year
Reference N.O:	TD3083667

