



## AESSEAL® solves reliability problem for US paper company

The installation of the AESSEAL® DMSC™ double mechanical seal, a close clearance bushing, a FLOWTRUE® flowmeter, and a 25 litre SW2™ water management system, has solved a problem of repeated seal failure for a US paper company.

The company's existing seals were unable to cope with the mud and minerals and generally abrasive nature of the water, and their tendency to fail every few months inevitably resulted in a boiler shutdown, which cost the company around \$250,000 a time.

To rectify the problem, AESSEAL® recommended its DMSC™ double cartridge mechanical seal with monolithic seal faces, which is specifically designed to operate in difficult conditions. The DMSC™ is supplied without an integral pumping ring, making it ideal for use on applications that demand the use of an external forced circulation device.

The AESSEAL® FLOWTRUE® meter is a robust, adjustable flow meter that controls the amount of water flowing to cool the mechanical seal.

The new seal and water management system was installed in June 2023 and has been operating for over two years without a problem, compared with the previous MTBF for the competitor's seal of just three months.



## '\$2 Million saved in just two years'

Industry:	Pulp & Paper
Product:	DMSC™, FLOWTRUE® & SW2™
Application:	Dissolving Tank Agitators
MTBF Increase:	700% (and counting)
Savings:	>\$2 Million (and counting)
Reference N.O:	TD3115390

