



ENVIRONMENTAL TECHNOLOGY

Upgrading unreliable seals increases MTBF from 2-3 months to 3 years

A leading manufacturer for the Pulp and Paper industry increases plant reliability and reduces maintenance costs.

A number of paper machine condensate pumps around the facility were experiencing premature mechanical seal failure as a result of lack of constant lubrication caused by loss of pressure in the system. The seals were failing every 2 to 3 months.

AESSEAL® installed a CDFI double flow induction mechanical seal with a SWC25CC seal support system. The seal includes an internal barrier fluid circulation device to ensure that the barrier fluid flows around the seal surfaces. In addition, the seal support system ensures that the barrier fluid is maintained at the seal faces even during shutdown and maintenance outages. The new seals have improved pump performance increasing the MTBF from 2 to 3 months to 3 years.



“Increased MTBF by over 1000%”

Industry:	Pulp & Paper
Product:	CDFI and SWC25CC Seal Support System
Application:	Paper machine condensate pump
MTBF Increase:	Increased from 2-3 months to 3 years
Reference N.O:	CH00250



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