



ENVIRONMENTAL TECHNOLOGY

CDM™ ends seal failures for German company

A German paper company has reported savings of more than €10,000 following the installation of the AESSEAL® CDM™ double mechanical seal. The new seal has also contributed to an improvement in the MTBF from three months to more than five years.

The CDM™ seal solved a problem in which the existing single seal was unable to cope with a pulp density of more than 3%, which meant that the sliding surfaces were not adequately lubricated. This resulted in multiple seal failures, loss of product, and high repair costs.

The CDM™ double seal was installed in January 2019 and is still working without a problem after more than five years. Return on investment was achieved in less than four months. The double seal and barrier system has ensured the efficient lubrication and cooling of the seal faces, and has prevented the ingress of solids.

A company spokesperson said:

“Thanks to this conversion, we have a safe workplace and no loss of product, along with significant savings in energy and water costs.”



‘MTBF improvement from 3 months to >5 years’

Industry:	Pulp & Paper
Product:	CDM™
Application:	Agitator
MTBF Increase:	1300% (and counting)
Savings:	>€10,000
Reference N.O:	TD3109581



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