



ENVIRONMENTAL TECHNOLOGY

## LabTecta® reduces quality issues and improves reliability

A paper manufacturer in the USA was experiencing oil leakage from the journals in the dryer section of its paper machine.

The journals were sealed with a single ring of gland packing, and between six and 10 positions needed to be replaced at every scheduled 10 week shutdown. The oil leakage was leading to quality problems with the paper produced by the machine, costing thousands of dollars in charge-backs due to blemishes caused by the oil leakage in the white food grade linerboard. The customer approached AESSEAL® for a solution.

AESSEAL® recommended replacing the gland packing with a LabTecta®RDS bearing protector. The LabTecta®RDS is a split design seal that allows installation without the need to disassemble the machine. The new seals were installed in October 2018 and continue to run over three years later without oil leakage. The mean time between failure has improved from just 10 weeks to more than 169 weeks and savings of US\$186k have been made so far in the avoidance of charge-backs. Based on the success of the new seals, the customer is now also upgrading an additional paper machine on-site.

The company's paper machine superintendent said:

"The installation of the LabTecta®RDS has virtually stopped the external oil leakage and associated paper quality issues. It has already saved us tens of thousands of dollars in charge-backs from blemishes. We are satisfied thus far."

# '>1590% Mean Time Between Failure increase'

Industry:	Pulp & Paper
Product:	LabTecta®RDS
Application:	Paper machine dryer rolls
MTBF Increase:	1590% (and counting)
Savings:	US\$186,328 (and counting)
Reference N.O:	CS0111



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