

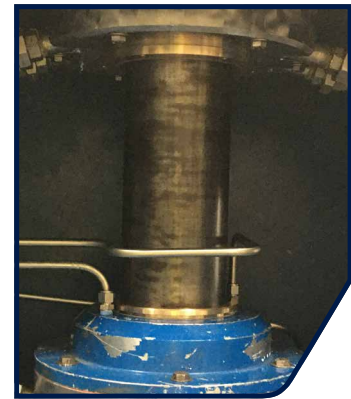


## LabTecta® eliminates oil leakage

A paper company in the USA was experiencing problems with oil leakage around the lip seals on its 'Fluffer'.

Replacing the lip seals required complete disassembly of the Fluffer, involving the use of a crane to remove and reinstall it. The replacement took a minimum of three days at a lost production cost of US\$2,800 / day. The lip seals were also found to cause wear to the expensive shaft. The mean time between failure (MTBF) was only three to four weeks, so the customer approached AESSEAL® for an alternative.

AESSEAL® recommended replacing the competitor's lip seals with the LabTecta® bearing isolator. The LabTecta® is a non-contact bearing seal that offers protection up to IP69K from water and dust ingress while preventing oil leakage. The LabTectas were installed in February 2021 and have worked perfectly since, allowing the Fluffer to remain in continuous operation. The MTBF is currently 21 months and counting, and the customer estimates a saving in lost production alone of more than US\$250,000 per year.



**'Saving more than \$250,000 each year'**

Industry:	Pulp & Paper
Product:	LabTecta®
Application:	Fluffer
MTBF Increase:	2175% (and counting)
Savings:	\$522,000 (and counting)
Reference N.O:	CS0112



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“AESSEAL provided seals that both fit our equipment without modification and appropriately addressed and solved our reliability issue. They provided onsite consultation to fully understand our application and suggest the appropriate solution. Finally the provided training to assure a successful installation and startup.”

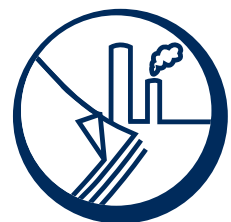
“We installed LabTectas from AESSEAL in all 4 positions of our Oxygen Delignification HCO<sub>2</sub> Reactor (Fluffer). We previously experienced external oil leakage from the lip seals originally provided requiring cessation of operation and removal. Replacement required complete disassembly of the unit in addition to using a crane to remove and reinstall from the upper floor. Turnaround time was at least 3 days for each event. We also noticed the lip seals were starting to fret the shaft that would soon require a very expensive replacement. The LabTectas have been performing leak free thus far and we are pleased.”

Reliability Engineer



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