



LabTecta® seals solve leakage problems at US paper mill

A paper mill in the Northwest United States was experiencing persistent problems due to lubricant contamination in its refiners.

In addition to the loss of lubricant, the existing lip seals were also allowing water and contaminants into the bearing housing. The result was premature bearing failure, extensive downtime, and significant additional labor costs.

AESSEAL® recommended replacing the existing lip seals with its LabTecta® bearing protection seals, whose labyrinth design is non-contacting and does not wear the machinery shaft. The LabTecta® seals stopped water from leaking into the bearing housing, and prevented the leakage of lubrication fluid.

The company reports that in the eleven years since the installation of the LabTecta® seals, it has not had a single failure due to lubrication contamination, compared with bearing failures every two to three years under the previous system. This has cut lubrication costs by more than \$70,000 per year, as well as eliminating the costs involved in clean-up and water treatment. The total savings so far are calculated to be in excess of \$800,000.



'LabTecta® saves >\$800,000 in lubrication costs'

Industry:	Pulp & Paper
Product:	LabTecta®
Application:	Bearing Housing
MTBF Increase:	340% (and counting)
Savings:	\$800,000 (and counting)
Reference N.O:	TD3074872

