



LabTecta® the remedy for lip seal failures

The lip seals in use at a north of England glass manufacturer were wearing out after just a few weeks, resulting in a complete loss of oil in the gearbox and causing the gears to seize up.

This meant that every few weeks the company was having to schedule eight hours of downtime in order to change the gearbox. AESSEAL's solution was to recommend the installation of its LabTecta®FS bearing protectors. The LabTecta®FS incorporates recognised lip seal technology into AESSEAL's advanced labyrinth design, and prevents both solids and moisture from entering the bearing chamber or damaging the integrated lip seal. The LabTecta® thus provides greater protection against contaminants, and more reliable sealing.

The result is that the company's maintenance team is no longer having to shut down equipment in order to replace another gearbox. Investment in the AESSEAL® LabTecta® means that it is no longer bearing the cost of lost production time and additional maintenance, and has also been able to reduce its spare part inventory. The MTBF has increased from around three weeks to 18 months.

The maintenance team leader at the plant said that they were "over the moon" with the solution provided by AESSEAL®. "Not only was this a recurring problem, but it was also the main contributor to a regular and costly loss of production," he said. "We are now upgrading all our oil seals to AESSEAL® LabTectas®."



'Reliability increased from 3 weeks to 18 months'

Industry:	Glass Manufacturing
Product:	LabTecta®FS
Application:	Gearbox
MTBF Increase:	2,500% (and counting)
Reference N.O:	TD3102900



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