



ENVIRONMENTAL TECHNOLOGY

## LabTecta® ends contamination problem at Australian mining company

An Australian mining company was encountering problems with bearing contamination in the seals on its conveyor pulleys.

The pulleys pose a major problem if they have to be changed out as the result of a breakdown. They are large items, and generally if the conveyor is shut down, the mine has to stop production. The existing seal design was a pressurized oil unit which required constant maintenance, and worked effectively for only around 12 months before bearing contamination meant that the pulley had to be taken out for repair.

To remedy the problem, AESSEAL® recommended the installation of its LabTecta®66PB-HD bearing protection system. Contact sealing solutions have very short lives because the misalignment overloads the sealing surfaces. The AESSEAL® LabTecta®66PB-HD eliminates the cause of more than 50% of bearing failures by absorbing the misalignment and maximizing the performance of the seal.

The LabTecta®66PB-HD has now been operating effectively for more than two years since it was installed in January 2024, resulting in major savings for the company by eliminating the need for costly maintenance and the consequent halts in production.



### ‘No production halts for more than 2 years’

Industry:	Mining
Product:	LabTecta®66PB-HD
Application:	Conveyor Pulleys
MTBF Increase:	100% (and counting)
Savings:	Maintenance & production savings
Reference N.O:	TD3126271



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