



ENVIRONMENTAL TECHNOLOGY

LabTecta® ends dust pollution problem for SA firm

A South African company is preventing dust from escaping into the working environment and is saving thousands of dollars a year in the cost of repairs following its decision to equip its Möller pump with the AESSEAL® LabTecta® bearing protector.

The company, one of the largest lime producers in the southern hemisphere, was using a pump with a gland packing system. Because this was a dry application with no lubricant, the lime powder was leaking out of the pump, causing dust pollution and loss of product.

AESSEAL® recommended the installation of its LabTecta®66IAP bearing protector, which is specifically designed for applications such as powder handling equipment. The IAP uses labyrinth technology to direct the air purge inboard, preventing the product from entering the seal and escaping to the environment.

The LabTecta® was installed in 2012, and immediately improved the MTBF from a few months to three years, eliminating dust pollution and saving the company approximately R150,000 (US\$8,500) a year in repair and maintenance costs.



‘MTBF increased from 3-6 months to 2-3 years’

Industry:	Cement
Product:	LabTecta®66IAP
Application:	Moller Pumps
MTBF Increase:	>500%
Savings:	R150,000 (\$8,500) per year
Reference N.O:	TD3112077



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