



ENVIRONMENTAL TECHNOLOGY

Cairo company turns to LabTecta®OP

The installation of the LabTecta®OP bearing protection system at the Egyptian food production company NCMP (National Company for Maize Products) resulted in an immediate and dramatic improvement in reliability.

The LabTecta®OP is a cost-effective bearing protection upgrade, specifically designed by AESSEAL® to optimize running conditions and improve bearing life.

NCMP had been buying oil seals & labyrinth seals as bearing protection from a variety of suppliers in the local market. The seals were of poor quality and caused shaft fretting and provided poor bearing protection. The result was frequent bearing replacement and expensive downtime in order to carry out the necessary repairs and maintenance.

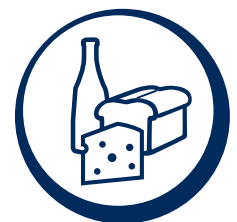
The LabTecta®OP system was installed in February 2022 and provided trouble-free operation for a whole year, compared with the previous Mean Time Before Failure (MTBF) of less than two months. It eliminated the problems of bearing contamination and shaft fretting, resulting in a major reduction in downtime.

NCMP has been progressively replacing its existing oil seals with the LabTecta®OP for the past three years upgrading more than 100 pumps. The change to the LabTecta®OP system has provided a reliability of 12-18 months and resulted in savings of between US\$100 – US\$200 a year per pump, amounting to total savings of at least US\$10,000 a year. The success of the system has led to the sale of other AESSEAL® products at the plant and an increasing trust in the quality and cost-effectiveness of the AESSEAL® brand.



‘Reliability increased from <2 months to >12 months’

Industry:	Food & Beverage
Product:	LabTecta®OP
Application:	Maize Products
MTBF Increase:	500% - 1700%
Savings:	>\$10,000 per year
Reference N.O:	TD3104256



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