



ENVIRONMENTAL TECHNOLOGY

Reliability guaranteed with installation of LabTecta®AX

The standard OEM labyrinth seal on a pump at an oil refinery in Hamburg was failing on average every six months.

The problem was that the seal was unable to cope with the axial movement of 1.5mm. This resulted in a requirement for constant and costly maintenance, and a high rate of wear and tear on the equipment.

When consulted in search of a possible solution, AESSEAL® recommended the use of its LabTecta®AX bearing protectors.

The LabTecta®AX features a sliding rotor that allows the seal to absorb axial movement internally, preventing the kind of sliding movement which might cause damage to the shaft or drive-ring. The result is improved reliability, longer bearing and equipment life, and better protection against contamination.

The LabTecta®AX was installed at the refinery in October 2023 and is still running successfully more than one year later preventing any further failure of the seal. It has also resulted in less wear on the shaft, reducing the need for constant maintenance and repair.



‘Axial movement no problem for the LabTecta®AX’

Industry:	Oil & Gas
Product:	LabTecta®AX
Application:	Agitator
MTBF Increase:	100% (and counting)
Reference N.O:	TD3109589



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