AESSEAL®
ENVIRONMENTAL TECHNOLOGY

Process manufacturer sees a 540% increase in MTBF rates.

A leading paint manufacturer was experiencing unacceptable reliability levels on a badly aligned bottom entry paint mixer.

Leaking paint was entering the motor bearing through the OEM lip seal, causing the mixer motor to fail on average every 2.5 months. With each breakdown costing around £1,300 and over £6,000 for the year, without taking into account loss of production, a solution was needed fast.

AESSEAL® replaced the lip seal with a LabTecta®66 bearing protector. LabTecta®66 is a patented design that utilises the centrifugal force of rotating equipment to open a micro gap in the seal to allow the bearings to breathe, but closes the gap when the equipment isn't running and the centrifugal force stops. This ensures the bearings are protected from the, ingress of dust and water from the surrounding environment.

The cost of replacing the lip seal with the LabTecta®66 was repaid within 1 month of fitting and the plant has increased the MTBF of this application by 540% (and counting). This has saved the customer over £8,000 in reduced maintenance costs and an expected 9.5 days per year of lost production.

'9.5 days per year of lost production saved'

Industry:	Chemical
Product:	LabTecta®66
Application:	Bottom entry paint mixer
Payback Period:	<1 Month
MTBF Increase:	540% (and counting)
Savings:	£8,000+ (and counting)
Reference N.O:	CH01158