



ENVIRONMENTAL TECHNOLOGY

MagTecta improves gearbox reliability

A gas processing facility in the US was experiencing water ingress and oil leakage into one of its gearboxes.

The mean time between failure (MTBF) was approximately two years but varied. The gearbox was sealed with a lip seal which caused fretting of the shaft. This would require replacing when the gearbox failed at a cost of approximately US\$9,000. Leaking oil was also resulting in general housekeeping issues, as well as being a slip hazard.

AESSEAL® recommended replacing the lip seal with a MagTecta™ bearing isolator. The MagTecta™ was installed in November 2018 and is running leak-free to date. The MTBF has already improved to over 3.5 years and the customer is saving approximately US\$2,000 for every year that the seal runs leak free.



‘Shaft fretting issues eradicated’

Industry:	Oil & Gas
Product:	MagTecta
Application:	Gearbox
MTBF Increase:	79% (and counting)
Savings:	US\$6,000 (and counting)
Reference N.O:	CS0123



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