



ENVIRONMENTAL TECHNOLOGY

MagTecta™ improves cooling tower fan reliability

A gas processing facility in the US was having constant problems with the bearings on its cooling tower fans.

The bearings had an open cavity 'labyrinth' style seal that did little to prevent the ingress of dirt and moisture into the bearing cavity. The fans were a major cause of reliability issues on site and needed to be rebuilt every year. The difficulty in gaining access to them made this an expensive operation. The customer approached AESSEAL® for assistance.

AESSEAL® recommended installing two MagTecta™ bearing protectors for each of the fans. These were installed in February 2019. They have proved to be highly effective and were still running without problems over three years later. This improved reliability means that the fans no longer have to be rebuilt on an annual basis, saving the company an estimated \$5,600 a year.



'Major reliability issues solved'

Industry:	Oil & Gas
Product:	MagTecta™
Application:	Cooling tower fans
MTBF Increase:	233% (and counting)
Savings:	US\$16,800 (and counting)
Reference N.O:	CS0124



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