



ENVIRONMENTAL TECHNOLOGY

AESSEAL® upgrade solution leads to 700% improvement in MTBF

A brown coal mine in Poland had lip seals fitted on their intermediate shaft bearing housings. The bearing housing was flooded with oil to about 75% of capacity and this was causing the lip seals to fail every 2 to 3 months.

AESSEAL® installed a MagTecta™ bearing protection device in place of the lip seal. The MagTecta™ is a magnetically energised bearing protection device that is specifically designed for oil flooded applications like that found in this bearing housing.

The MagTecta™ seal was initially tested on a single bearing housing, and has been running trouble free for over 2 years, proving a far superior sealing solution. The success of the initial installation has seen a further 18 MagTecta installations significantly increasing bearing life and reducing maintenance costs.



“Increased MTBF by more than 700%”

Industry:	Mining
Product:	MagTecta™ MX-S
Application:	Oil Bearing Housing
MTBF Increase:	700% (and counting)
Reference N.O:	CH01001



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