

## Huge savings at Austrian steel mill

An Austrian steel mill is set to save more than €400,000 a year following the installation of AESSEAL® ES DMAX™ seals. The company was operating six pumps, each containing two seals. However, the seals were failing on average every two months as a result of being unable to withstand the axial movement of 0.7mm.

The process of dismantling the pumps, replacing the seals, and re-installing the pumps was costing the company more than €478,000 a year.

To remedy the problem, AESSEAL® recommended the installation of its ES DMAX™ seals, which are capable of accepting up to +/- 2mm of dynamic axial movement. A total of eight seals have been installed and over one year later, they have been operating without a problem with four additional seals to be purchased.

The total cost of 12 ES DMAX™ seals – two for each of the six pumps - is €52,800, which means that the company is in line to save more than €420,000 in material and labour costs by not having to dismantle and repair the pumps every two months. In addition, AESSEAL® engineers were able to verify the necessary measurements and carry out the installation without requiring the customer to modify the pumps.



**‘Reliability Increased from 2 months to >16 months’**

Industry:	Metal Processing
Product:	ES DMAX™
Application:	Boiler Feed Water with carbon particles
MTBF Increase:	700% (and counting)
Savings:	>€420,000 / \$450,000 (and counting)
Reference N.O:	TD3108224

