



ENVIRONMENTAL TECHNOLOGY

\$40,000 a year saving with LabTecta® and minimal plant disruption

A coal fired power plant in the USA, was having 3 - 4 bearing failures a year on their primary air fan, used to blow the coal from the mill to the boiler.

For safety reasons the customer would inert the fan duct with steam to reduce the risk of a flash fire from the coal dust in the system. This safety procedure was causing water to get into the pillow block bearings, leading to premature bearing failure, and a \$10,000 to \$12,000 bearing replacement cost.

AESSEAL® installed a LabTecta®RDS (Radially Divided Seal) on the drive end to ensure no heavy equipment needed moving or shaft realignment was necessary, and a standard LabTecta® on the non drive end.

The LabTecta® bearing protectors have been installed and running trouble free for over 2 years, saving the customer over \$80,000 in bearing replacement costs.



“Eliminating costly bearing failure”

Industry:	Power
Product:	LabTecta®
Application:	Primary Air Fan
Savings:	\$80,000 (and counting)
Reference N.O:	CH00163



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