



ENVIRONMENTAL TECHNOLOGY

LabTecta®FS the answer for gearbox problem

A repair and maintenance company in West Virginia says that its customers in the local coal mining industry have recorded major savings following a decision to upgrade to AESSEAL® LabTecta®FS.

Clients of Warwood Armature, of Wheeling WV, were reporting that the persistent failure of the existing seals was resulting in oil leakage and shaft wear, causing contamination of the bearings, and leading to bearing failure. In addition, when an oil leakage occurred in a main belt line gearbox, the companies were having to pay heavy fines for safety violations. If a gearbox had to be removed during production runs, the result was downtime costs in the thousands of dollars. There was also the cost of a gearbox rebuild, which is typically between \$22,000 and \$28,000.

By eliminating the problem of oil leaks and shaft wear, the LabTecta®FS has increased the MTBF from six months to 36 months and counting, and is saving Warwood's customers around \$225,000 a year. The owner of Warwood Armature, William Thalman, says that his clients are very pleased with the upgrade to the LabTecta®FS. "Not only has the LabTecta®FS extended the MTBF from months to years," Mr Thalman said, "but they are also saving our customers very large amounts of money in downtime, repairs, and in fines which could amount to thousands of dollars a day." The AESSEAL® sales team has now introduced the LabTecta®FS to another West Virginia repair facility, which has begun successfully installing the seals on its customers' gearboxes, and as a result has placed orders with AESSEAL® worth more than \$100,000.



'Extended MTBF from months to years'

Industry:	Mining
Product:	LabTecta®FS
Application:	Gearbox
MTBF Increase:	500% (and counting)
Savings:	\$225,000 each year
Reference N.O:	TD3098189



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