



DOCUMENTED COST SAVINGS- PULLEY LAGGING ENHANCEMENT

CHALLENGE

A customer of Motion Industries, a copper mine, was dealing with decreased pulley life. Before a dust suppression water system was installed four years ago, they were able to get 5-10 years of life out of each pulley before replacement but the addition of the water reduced the life they were able to get down to a year at the most.

SOLUTION

The PPI Sales Manager working with Motion Industries recommended that the rubber lagging be replaced with ceramic lagging based on past experience in other mines with similar moisture conditions and high wear applications.

IMPACT

The decision to use ceramic lagging in the application has dramatically reduced wear on the pulley and exceeded customer's expectations. The estimated life span of the pulley has been more than doubled.

COST SAVINGS

The end user is able to save \$123,896.00 in cost on replacement pulley and maintenance/down time.



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