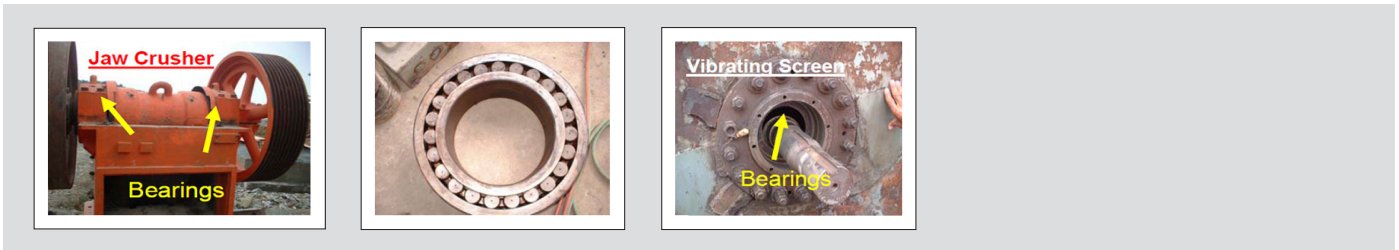


CASE STUDY



Type of Business	Aggregates/Quarrying
City	Antipolo
Country	Philippines
Sales Representative	Jake Vertucio
Marketing Manager	Ruel Aquino

PROBLEM: Premature wear on jaw crusher & vibrating screen bearings

A Jaw Crusher is one of the main types of primary crushers in a mine or ore processing plant. A Jaw Crusher reduces large size rocks or ore by placing the rock into compression, while vibrating screens are used for grading and screening materials in mining and quarrying.
Due to the nature of the operation, the bearings experience constant heavy loads and contaminants that leave bearings starved of grease.
The quarry started using the product in January 2006 and after applying PREMALUBE, bearing damage and subsequent failures due to heavy load and contamination have been significantly reduced.
Parts replacement costs were reduced by P568K (\$14,000) per year. Labor costs were reduced by P235K (\$5,700) per year.
Hard Rock Aggregates have saved P803K (\$19,000) from their maintenance budget every year since January 2006.

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