

APPLICATION STORIES

Customer: A machine tool manufacturer

Industry: Machine Tool-Metal Cutting

SIC Code: 3599

Location: Michigan

Department:

Retrofit or OEM: OEM

Machinery Involved: A 2 axis x-y table on a grinder used to grind copper locomotive commutators

Description of Environment: Linear ball bearings were used to move the x-y table

Description of Problem: Small copper fines from the grinding process would cause the ball bearings to fail. Shaft damage also resulted.

Solution: Retrofit with Simplicity (no seals). Solved contamination problem. No more shaft damage.

Customer Reaction to Solution: Customer pleased with long bearing life, lack of shaft damage, less downtime.

Documented Cost Savings:

Simplicity Part Used: P-12

Qty of Bearings Used: 8 / machine

Date of Installation: 1991

Photos Available:

Illustrations Available:

Application Write Up Available: Yes

