

APPLICATION STORIES

Customer: A manufacturer of electronic material handling equipment.

Industry: Electronic

SIC Code: 3674

Location: Minnesota

Department:

Retrofit or OEM: OEM

Machinery Involved: Integrated circuit handler-loads, unloads and tests circuits under environmental extremes

Description of Environment: Bearings run without lubrication. Bearings in soak chamber see - 60° C to +160° C temperature extremes. Shafting is 303 SS or class L.

Description of Problem: Lubrication from linear ball bearings would contaminate the circuits being tested.

Solution: Designed in Simplicity without lubrication. Customer can run on stainless shafting without lubrication without problems.

Customer Reaction to Solution: Customer now offers Simplicity as standard. Other designs would have required frequent, expensive maintenance

Documented Cost Savings:

Simplicity Part Used: FL 03, FL 04, FL 06, FL 12

Qty of Bearings Used:

Date of Installation: 1990

Photos Available: No

Illustrations Available:

Application Write Up Available: Yes

