

# APPLICATION STORIES

**Customer:** A manufacturer of plastic injection molding equipment

**Industry:** Plastics

**SIC Code:**

**Location:** New England

**Department:**

**Retrofit or OEM:** OEM

**Machinery Involved:** Plastic injection molding machinery

**Description of Environment:** Extremely high temperatures, vibration, shock loading, high pressure

**Description of Problem:** Shafting is being grooved by linear ball bearings. Bearing failure caused by heat (lube failure) and vibration.

**Solution:** Simplicity bearings were retrofitted. Bearing failure disappeared. Shaft damage was eliminated.

**Customer Reaction to Solution:** Simplicity is the preferred linear bearing in this machine due to their ability to operate without lubrication and provide trouble free, long life.

**Documented Cost Savings:**

**Simplicity Part Used:** FL24

**Qty of Bearings Used:** 4 / machine

**Date of Installation:** 1994

**Photos Available:** Yes

**Illustrations Available:**

**Application Write Up Available:** Yes

