

**LSC SUCCESS STORIES**  
**Petrochemical Plant**  
**Blowers, Pumps, Others**

**DATE:** 3/28/02

**LSC PRODUCT:** Oil Mist

**SOURCE OF STORY:** Tom Ward

**DATE OF EVENT:** 1999

**LOCATION:** Texas

**INDUSTRY:** Petrochemical

**OPERATING UNIT:** Various

**EQUIPMENT:** Blowers, gearboxes, pillow block bearings, pumps

**STORY:**

**Problem**

Up to 400 bearing failures per year

**Solution**

Install 2 oil mist systems

**Results**

Have reduced bearing failures by 98%, bearings are running an average of 25 F cooler, and oil consumption has been reduced by 50%. Oil Mist has reduced "fixed manufacturing costs by \$750M a year."