

Mobiltemp SHC 100 Reduces Bearing Failures Significantly

**Blower bearings of film plant
Flex Industries Limited
Noida, India
Mobil customer since September 1995**

Objective

To reduce bearing failures and unwarranted shutdowns.

A competitor's oil was solely used for the lubrication of Flex Industries' newly installed imported bi-axially-oriented polypropylene manufacturing plant. Despite cautious monitoring and dedicated care, the technical team at Flex found that twenty-eight bearings failed in a period of one and half months.

It was discovered that during the process, whereby hot air is blown on the film, the bearings would give way and the film under stretching would tear, bringing the entire production process to a grinding halt.

Solution

Mobil undertook a thorough study of the system and recommended **Mobiltemp SHC 100** in replacement of the original oil.

Result

After 11 months, the film plant remains trouble-free with no unscheduled downtime or immature bearing failure. Flex enjoys the improved production efficiency after switching to **Mobiltemp SHC 100**.

Benefits

Flex saves more than US\$ 590,000 in terms of production, utility and bearing costs.

