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**Case Study – Steel Mill Melt Shop – Cutting torch - Reduce workload, and simplify maintenance and lubrication procedures**

**Easylube 150 RFID**

**Operating issues:**

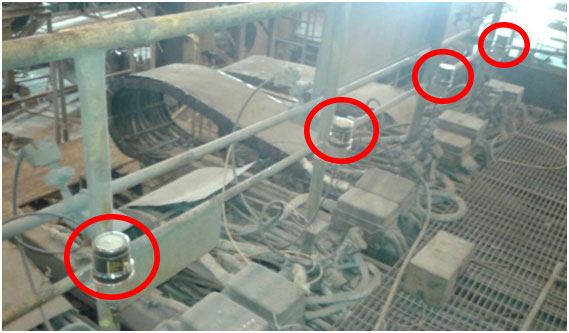
**Operating hours: 24 hours/7 days  
Operating conditions: Heated / Dusty  
Previous greasing method: Manual grease gun  
Previous re-greasing interval: Unscheduled/during bearing change**

**Problems encountered:**

* **Bearing breakdown in every 5 to 6 months**
* **High breakdown, service and downtime costs**
* **Vibration due to frictional wear increased between ball and screw affected the quality of finished product**

**Improvement needed:**

* **To prolong bearings lifespan**
* **To simplify maintenance schedule and reduce work loads**
* **To reduce downtime services and maintenance costs**

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**After using Easylube RFID single-point microcomputer grease lubricating system:**

1. **Bearing life significantly extended**
2. **Reduced workload and simplified maintenance and lubrication procedures**
3. **Greatly reduced downtime and service and maintenance costs**