



## Mobil SHC™ 639 Helps Cement Mill Save US\$ 27,677 Annually

### Kiln Support Roller Bearings

### Cement Mill

### Karnataka, India

### ExxonMobil customer since 2001

#### Situation

Cement Mill operates three integrated cement lines with individual kilns of 166 TPH capacity. The support roller bearings on the kilns were lubricated by an ISO VG 460 mineral oil. This caused the factory to experience unscheduled downtime frequently. In addition, the oil needed to be replaced every 12 months due to contamination and oxidation.

#### Recommendation

The ExxonMobil Lube Engineer analyzed the situation and recommended **Mobil SHC™ 639** - a gear and bearing lubricant with excellent oxidation resistance at high temperatures. It also has low traction coefficient so it is able to reduce energy and operating temperatures.

#### Result

Since the deployment of **Mobil SHC 639**, productivity in the factory has improved along with the operational reliability of the kilns. Annual savings of US\$ 27,677 per kiln has also been achieved. In summary, the benefits the benefits resulted from:

- Reduction of operating temperature of the bearings by 10°C
- Increment of oil drain interval by more than 2.5 times



***Reliability of the kilns has improved with the implementation of Mobil SHC 639***

For more information on Mobil SHC™ and other Mobil™ Branded Industrial Lubricants and services, call your local company representative or visit [mobilindustrial.com](http://mobilindustrial.com)

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POP 2012-321

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