



## Mobil SHC™ Gear 320 helps Guangdong GITIC Green Island Co. Ltd Save US\$ 3,945 Annually

**HANSEN Gear Box**  
**Cement Mineral Conveyor**  
**Guangdong GITIC Green Island Co. Ltd**  
**Guangdong, P.R.China**

### Situation

Guangdong GITIC Green Island Co. Ltd operates a cement production line with an annual capacity of 1 million tons. One of the key equipment of the plant is the mineral conveyor gearbox that runs high loads in a dusty environment. The mineral gear oil used in the gearbox was causing high temperatures.

### Recommendation

The ExxonMobil Lube Engineer conducted on-site inspections and recommended **Mobil SHC Gear 320** and **Signum<sup>SM</sup> Oil Analysis** program. As **Mobil SHC Gear 320** has low traction coefficient, high viscosity index and excellent high-temperature oxidation stability, it is able to improve the energy efficiency of the equipment and extend oil drain intervals.

### Result

Since implementing **Mobil SHC Gear 320**, the operating temperature of the gearbox has been reduced by 5°C while the average power consumption has been lowered by 0.0449 kwh/ T. An annual savings of US\$ 3,945 has also been achieved.



**Conveyor Gear Box**

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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