

Mobil SHC™ 634 gear oil helps palm oil manufacturer improve plant productivity and significantly extend oil drain intervals*



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SEW-EURODRIVE 60 HP gearboxes | Palm oil manufacturer | Cesar, Columbia

Situation

A Colombian palm oil manufacturer operates SEW-EURODRIVE 60 gearboxes in its production line. Using a conventional mineral oil, the gearboxes required oil changes at least once per year. In an effort to improve productivity and enhance sustainability, the company approached Lubricantes del Oriente, a licensed ExxonMobil distributor, to identify a lubricant solution capable of extending oil drain intervals.

Recommendation

Lubricantes del Oriente engineers recommended the company switch to **Mobil SHC™ 634** synthetic gear oil. **Mobil SHC 634** gear oil is designed to provide outstanding and balanced performance and longer oil life in demanding applications at high and low temperatures. The product is also resistant to mechanical shear, even in heavily loaded gear applications. In addition, Lubricantes del Oriente engineers recommended implementing routine **Mobil ServSM Lubricant Analysis** to monitor equipment and oil condition on an ongoing basis.

Impact

After transitioning to **Mobil SHC 634** synthetic gear oil, the company successfully extended oil drain interval of its gearboxes to 11 years, which includes continuous production for five-month intervals on multiple occasions. During this time, the company only had to top off the oil with approximately 4% of the gearboxes' total lubricant capacity. In addition, **Mobil SHC 634** gear oil helped reduce oil waste.

Benefit

The company reports that **Mobil SHC 634** gear oil enabled savings through increased plant production, significantly longer oil drain intervals and reduced waste oil generation.

Company-estimated
annual savings of
US \$18K

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*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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