

Mobil SHC™ 629 synthetic circulating oil reduces costly blower- related downtime*



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Blowers Model GM 80L, 130L & 220L | Calidra de Oriente S.A. de C.V. | Acajete, Puebla, Mexico

Situation

The Calidra Ajacete mine has had to replace 34 blowers over the last 13 years. The blowers operate at high speeds in a dusty environment where temperatures often exceed 80°C (176°F). The OEM recommends oil drain intervals of 8,000 hours and overhaul intervals of 20,000 hours for the gear set and bearings. In an effort to improve equipment reliability, the company approached Lubricantes Especializados de Oriente S.A de C.V. (LEORSA), an authorized ExxonMobil distributor, to identify a lubricant solution capable of preventing unscheduled downtime.

Recommendation

LEORSA engineers recommended the company switch to **Mobil SHC™ 629** synthetic circulating oil. Formulated with a combination of advanced synthetic base stocks and proprietary additives, **Mobil SHC 629** provides excellent resistance to oil breakdown in extreme temperatures. Additionally, the engineers recommended the company implement routine **Mobil Serv™ Lubricant Analysis** to monitor equipment and oil life.

Impact

After switching to **Mobil SHC 629** synthetic circulating oil, the Calidra Ajacete mine was able to achieve 48,000 hours without an equipment overhaul, reducing maintenance workloads and related exposure of plant personnel to potential safety hazards. In addition, **Mobil SHC 629** has helped reduce unscheduled and scheduled downtime.

Benefit

The Calidra Ajacete mine reports that **Mobil SHC 629** synthetic gear oil helped reduce maintenance costs and improve productivity, generating company-estimated savings averaging more than US \$82,000 per year.

Overhaul intervals
increased by
140%

Industrial
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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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