

Mobil SHC Pegasus 30 synthetic natural gas engine oil helps pipeline service provider reduce in-frame overhauls*



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Caterpillar G3516 natural gas engine | Natural gas gathering plant | Oklahoma, United States

Situation

One of the nation's largest natural gas pipeline service providers operates Caterpillar G3516 natural gas engines, with in-frame overhaul intervals of 50,000 hours. In an effort to reduce engine life-cycle costs, the company approached ExxonMobil engineers for an alternative lubricant solution capable of extending in-frame overhaul intervals.

Recommendation

After assessing the situation, ExxonMobil engineers recommended the use of **Mobil SHC™ Pegasus 30**, which is formulated with high viscosity base fluids and a unique proprietary additive system, to provide improved operational efficiency and outstanding performance in extreme service applications, well beyond the capabilities of mineral oils.

Benefit

Mobil SHC Pegasus 30 natural gas engine oil and the application expertise provided by ExxonMobil engineers have helped this natural gas gathering plant extend in-frame overhaul intervals by 15%.

Impact

Since switching to **Mobil SHC Pegasus 30** natural gas engine oil, the company reports that it has safely extended in-frame overhaul intervals from 50,000 hours to 57,500 hours. This has helped the customer reduce maintenance and labor costs, while increasing equipment availability. In addition, the company's maintenance team was so impressed with the performance of **Mobil SHC Pegasus 30** that it has decided to continue extending in-frame overhaul intervals even further.

Customer-estimated 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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