

Mobil Pegasus™ 1 natural gas engine oil helps oil and gas producer enhance equipment reliability and triple oil drain intervals*



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Waukesha H24GL gas engine | Oil and gas producer | Alberta, Canada

Situation

A Canadian oil and gas producer operates a fleet of 40 Waukesha H24GL natural gas engines. Using a conventional natural gas engine oil, the gas engines experienced ash deposits that compromised component life in valves, cylinder head decks and pistons while operating in extreme conditions. In an effort to improve equipment reliability, the company approached ExxonMobil to identify a long-lasting lubricant solution capable of providing improved wear protection.

Benefit

After converting all 40 engines to **Mobil Pegasus 1** natural gas engine oil, the company reports that the extended oil life and reduced wear have generated significant annual savings.

Recommendation

ExxonMobil engineers recommended the company switch to **Mobil Pegasus™ 1** natural gas engine oil in its natural gas engines. Formulated from wax-free synthetic base oils and a balanced additive system, **Mobil Pegasus 1** is designed to improve engine and oil life. In addition, ExxonMobil engineers recommended implementing routine **Mobil ServSM Lubricant Analysis** to monitor equipment and oil condition.

Company-estimated
annual savings of
US \$180K

Impact

After transitioning to **Mobil Pegasus 1** natural gas engine oil, the company tripled oil drain intervals of its engines from 2,000 hours to more than 6,000 hours and reduced the need for make-up oil from five litres to between 0.5-1 litre.

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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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