



Mobil Pegasus 1 Helps a Canadian Oil and Gas Producer Enhance Equipment Reliability And Triple Oil Drain Intervals, Generating an Annual Savings of US \$60,000

**Waukesha H24GL
Oil and Gas Producer
Alberta, Canada**

Situation

A major Canadian oil and gas producer operates a fleet of 40 Waukesha H24GL natural gas engines. Applied to manage extreme operating conditions and rigorous production schedules, the conventional natural gas engine oil left damaging ash deposits on the valves, cylinder head deck and pistons, thus compromising component life. Sustainability is a core business value for this company, so maintenance personnel needed a long-lasting lubricant capable of providing exceptional wear protection.

Recommendation

ExxonMobil recommended transitioning to **Mobil Pegasus™ 1**, a premium-performance natural gas engine oil formulated from wax-free synthetic base oils and a balance additive system. They also recommended routine borescope inspections conducted by ExxonMobil field engineers to monitor for any signs of component wear.

Result

Since transitioning to **Mobil Pegasus 1** synthetic natural gas engine oil, facility managers report that oil drain intervals have tripled in length, from 2,000 hours to more than 6,000 hours. The need for make-up oil has also plummeted, from five litres of lubricants per day to between 0.5 and 1 litre. Furthermore, routine borescope inspections revealed that the damaging ash deposits that had once prevalently formed on the valves, cylinder head deck and pistons, have significantly diminished.

Having transitioned 13 of the fleet's 40 units to **Mobil Pegasus 1** natural gas engine oil, the company now saves US \$60,000 a year. Once all 40 units have been converted, they anticipate annual savings to surge to more than US \$180,000.

The product performance of **Mobil Pegasus 1**, alongside the application expertise provided by local ExxonMobil engineering support and borescope inspection, is helping to improve customer productivity potential.

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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.



*Since transitioning to **Mobil Pegasus 1** natural gas engine oil and implementing borescope inspections by ExxonMobil engineers, this oil and gas producer has tripled oil drain intervals and significantly reduced wear on the above cylinder heads.*

For more information on Mobil Industrial lubricants and services, call your local company representative or visit mobilindustrial.com