

Mobil SHC Pegasus 30 gas engine oil extends client oil drain interval*



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Waukesha 9390 engines | Energy company | Texas, United States

Situation

A U.S. based energy company that extracts natural gas from shale and other tight formations in a safe and environmentally responsible way maintains its natural gas engines with the same philosophy. Company managers approached ExxonMobil engineers for a lubrication solution capable of extending engine oil drain and overhaul intervals while maximizing operational efficiency and overall productivity.

Recommendation

ExxonMobil engineers recommended the use of **Mobil SHC Pegasus™ 30** natural gas engine oil. Formulated with the highest quality synthetic basestocks and advanced additive technology, **Mobil SHC Pegasus 30** is specifically designed to increase fuel economy, minimize oil consumption, and provide enhanced wear and corrosion protection. ExxonMobil engineers also recommended **Mobil Serv™ Lubricant Analysis** and **Mobil Natural Gas Engine Inspection** services to monitor the condition of key engine components and extended service lubricant condition.

Benefit

Mobil SHC Pegasus 30 gas engine oil has helped this energy company extend oil drain intervals on its natural gas engines, reduce equipment downtime and increase overall productivity.

Impact

After converting two of its Waukesha 9390 engines to **Mobil SHC Pegasus 30** natural gas engine oil and implementing ExxonMobil's monitoring services, the company successfully surpassed their 30,000 hour oil service target with no overhauls or filter changes, while noting improved engine cleanliness. In addition, the estimated 1.5 percent reduction in fuel consumption with **Mobil SHC Pegasus 30** has helped the company reduce its CO₂ emissions by a calculated amount of 40 tonnes/year per machine.

\$24K
In company estimated annual savings per engine



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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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***The energy efficiency design is a trademark of Exxon Mobil Corporation. The energy efficiency of Mobil SHC Pegasus relates solely to the fluid performance when compared to ExxonMobil's standard SAE 40 natural gas engine oils. The technology used in Mobil SHC Pegasus demonstrated up to a 1.5 percent increase in fuel efficiency, as measured by fuel consumed in operation, compared to Mobil Pegasus 1005 and 805 series when tested in standard natural gas engine applications under controlled conditions. The energy efficiency claim for this product is based on test results on the use of the fluid conducted in accordance with applicable industry standards and protocols. Efficiency improvements will vary based on operating conditions and applications.

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