

Mobil Pegasus™ 1005 doubles oil drain interval in Waukesha gas engines*



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Waukesha L7044GSI engine with oil-associated gas | Oil & Gas | Russia

Situation

EnergyTechService is a specialised enterprise for the construction and operation of power facilities in oil and gas fields at different locations in Russia. At one of the oilfields in Western Siberia six Waukesha gas engines, model L7044GSI, were filled with competitor SAE 40 gas engine oil. The fuel is oil-associated gas. The company had to change the oil every 1,500 hours. That meant frequent shut downs and maintenance. Excessive oil volume also brought additional difficulties and costs due to complex logistics at the remote location.

Recommendation

To extend oil drain intervals and reduce oil consumption ExxonMobil Field Engineers recommended **Mobil Pegasus™ 1005** for this application. Being a high performance SAE 40 gas engine oil, approved by the Equipment Builder, **Mobil Pegasus™ 1005** uses high quality base stocks and advanced additive technology to deliver exceptional oxidation stability, nitration resistance and thermal stability. **Mobil Pegasus™ 1005** can help users keep their engines running longer and cleaner with improved reliability, resulting in a productivity increase.

Benefits

During field trials lasting for about a year, supported by regular Mobil ServSM used oil analyses, EnergyTechService observed the following benefits using **Mobil Pegasus™ 1005** in three gas engines:

- Oil drain interval increased from 1,500 to 4,000-4,500 hours
- Oil consumption reduced by 2%

EnergyTechService decided to choose a safe oil drain interval of 3,000 hours, thus doubling the oil life compared to previous oil usage. Additional benefits of the extended oil drain interval are:

- Reduced safety hazard – about 32 hours less maintenance work
- Environmental care – about 3,200 L less oil wasted
- Total cost of ownership (TCO) reduction – about \$15,000

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annual cost savings due to less oil consumption and reduced downtime

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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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