

Mobil Pegasus™ 610 and Mobil Engineering Services help Charoen Pokphand Food PCL save over US\$52,000 annually*



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Gas engines Caterpillar G 3406 | Affiliate in Charoen Pokphand Food PCL. (Swine Farm Group) | Chonburi, Thailand

Situation

The Charoen Pokphand Food PCL. (Swine Farm Group) operates over 30 pig manure biogas farms in Thailand. The third party SAE 40 engine oil used on the Caterpillar G 3406 engines was causing unscheduled downtime and an inefficient oil change interval of about 500 hours.

Benefit

Mobil Pegasus 610 was deployed on a six-month trial at two farms - Kasetsantirat and Raisam. The report from used oil analysis indicated that the oil was still in good condition even after six months of operation. This reduced the costs of spare parts and labor while minimizing unscheduled downtime, resulting in annual savings of US\$52,780.

Recommendation

The ExxonMobil Lube Engineer analyzed the situation and recommended **Mobil Pegasus™ 610** - a gas engine oil specifically developed for gas engines operating on bio-gas. Regular used oil analysis was also conducted to monitor the performance of the oil.

Annual savings of
US\$ 52,780

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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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