

Texaco HDAX® 9200 helps to provide reliable operation as Schwaneberg Biogas extends oil drain intervals to over 5,000 hours

- MWM TCG 3016 V12 engine used in flexible biogas operation with 600 kW output
- Over 5,000 operating hours without oil drain recorded with HDAX 9200
- Close collaboration with Texaco Lubricants and optimised engine control ensures peak performance

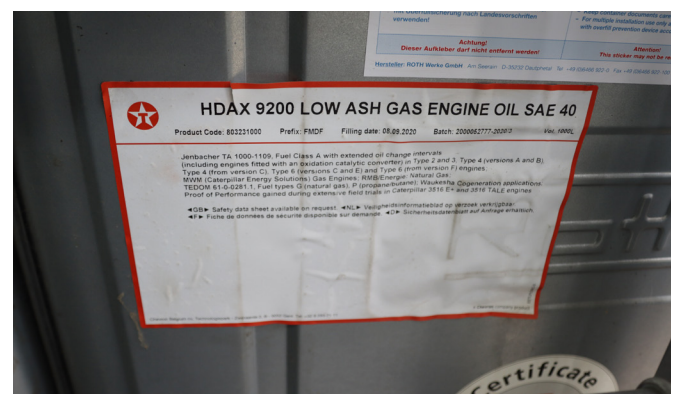
Schwaneberg Biogas GmbH & Co. KG operates two biogas plants in Germany, with a total of three gas engines. The company is part of a regional network that generates and utilises electricity on-site. The thermal energy produced is used to heat an adjacent agricultural facility, which in turn supplies the biomass for the biogas plant. All electricity generated is fed into the public grid.

Schwaneberg Biogas GmbH & Co. KG is closely affiliated with BEV Service GmbH, a company that supports and advises agricultural biogas plant operators. BEV Service also manages the procurement of plant-related operating supplies and conducts research and development to further optimise biogas operations.

Since 2021, Schwaneberg Biogas Plant Manager Jens Stock has relied on Texaco HDAX 9200, a high-performance gas engine oil that quickly proved its value in real-world use. In particular, the modern MWM TCG 3016 V12 engine saw oil drain intervals increase from an initial 2,800 hours to 5,500 hours – while maintaining stable oxidation values and consistent engine performance.

“We used to stop at 4,000 hours. Now, we’re reaching over 5,000 with the same oil fill. That’s something no oil that we have tried in the past has achieved before,” Stock reports.

Key success factors include a holistic maintenance approach, regular oil analysis, close coordination with BEV Service regarding engine calibration, and the selection of the right lubricant. “With HDAX 9200 and clean intake air, we’re getting the maximum out of the engine – less oxidation, longer intervals, and less stress,” explains the experienced operator.



Schwaneberg Biogas GmbH & Co. KG relies on a strong network. According to Jens Stock, the collaboration with Texaco runs smoothly. Lubricant supply, oil analysis, and additional services are perfectly integrated.

In addition to oil selection, the use of the appropriate coolant plays a key role in efficient plant operation. This is part of a broader optimisation strategy, which also includes clean intake air, structured maintenance intervals, and consistent monitoring of oil condition – all of which help ensure optimal engine efficiency and system reliability.

For the Schwaneberg team and BEV Service GmbH, the decision to use Texaco HDAX 9200 was based on factors such as durability, practical performance, and the ability to maintain stable engine operating temperatures as they operate in flexible load mode. Texaco's extensive training support also made a strong impression. The benefits are clear to Jens Stock, who concluded, "The oil works – no complaints, stable operating times, and the analysis results are consistently strong."

Used product:

- **Texaco HDAX 9200**

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