



Mobil SHC

One Fill of Mobil SHC™ 824 Helps Solar Turbine Achieve More Than 90,000 Hours of Operation at Monmouth Energy

Solar Turbine
Monmouth Energy
Tinton Falls, New Jersey, United States

Situation

Based in Tinton Falls, NJ, Monmouth Energy, a division of Montauk Energy Capital, is a power producer that takes landfill gas and converts it to reliable power. Every day, Monmouth Energy provides critical electricity supplies to the public utility grid that are used as far south as Kentucky and as nearby as Monmouth Beach, New Jersey. At any given time, Monmouth Energy delivers power sources that are equivalent to the electricity supply required to power 20,000 homes.

Since 1998, the company has relied on high-performance Mobil SHC-branded synthetic lubricants to protect its equipment, which includes, methane screw compressors, Roots blowers and two Solar turbines. Dedicated to maximizing equipment performance, Monmouth Energy's maintenance team consulted ExxonMobil engineers when they needed a lubricant for one of the company's Solar turbines.

Recommendation

ExxonMobil engineers recommended the use of **Mobil SHC 824** turbine oil, a high-performance, synthetic turbine oil that is expertly formulated to deliver exceptionally long-lasting component protection for some of the most extreme industrial gas turbine applications.

Result

Monmouth Energy achieved a significant operational milestone as one of its Solar turbines exceeded more than 90,000 hours of operation on a single fill of **Mobil SHC 824** turbine oil, and did so without sacrificing performance capability. Considering the demanding conditions to which their equipment is subjected, Monmouth Energy's maintenance team had never seen these kinds of results from an oil, performing as well as **Mobil SHC 824**.

The product performance of **Mobil SHC 824**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



Monmouth Energy's Solar turbine recently surpassed 90,000 hours of operation since its last oil change with Mobil SHC 824 turbine oil.

For more information on Mobil SHC and other Mobil Industrial Lubricants and services, call your local company representative or visit www.mobilindustrial.com.

www.mobilindustrial.com

©2012 Exxon Mobil Corporation
 All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.
 HIPOP 2011-049

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.