

# Mobil SHC 824 synthetic turbine oil exceeds 90,000 hours of operation\*



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## Solar turbine | Monmouth Energy | Tinton Falls, New Jersey, United States

### Situation

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

Since 1998, the company has relied on high-performance **Mobil SHC™** 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.

### Benefit

**Mobil SHC 824** synthetic turbine oil has helped Monmouth Energy's Solar turbine surpass 90,000 hours of operation since its last oil change, which in turn has helped improve the company's overall productivity potential.

### Recommendation

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

### Impact

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 not expected to achieve this level of oil life.

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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.

\*\*Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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