

Mobil SHC<sup>™</sup> Synthetic Pump Oil helps international glass sheet manufacturer improve energy and production efficiencies, resulting in cost savings in excess of £4,750 per year.



## Rotary Vane Vacuum Pump, Single-Stage | UK-based International Glass Manufacturer

### Situation

UK-based International Glass Manufacturer, manufactures high precision heavy gauge glass sheeting for building use, and operates 12 rotary vane vacuum pump units at its facility in Goole, UK. Lubricated with a conventional mineral oil, the company wanted to improve vacuum unit operations while maintaining rigorous production schedules. In an effort to improve reliability, the company approached Moove Lubricants, to identify an alternative lubricant solution capable of extending drain down requirement intervals, reducing operating costs, and preventing unscheduled down time.

### Benefits

The company reports that utilising Mobil SHC 626 has helped extend oil drain intervals and reduce energy usage, resulting in an estimated annual saving in excess of £4,750.

### Impact

After transitioning to Mobil SHC 626 synthetic pump lubricant, UK-based International Glass Manufacturer was able to extend oil drain periods from three months to one year and reduce operating temperatures from 70°C (158°F) to 63°C (145.5°F), creating further energy consumption savings.

### Recommendation

Moove's engineers recommended UK-based International Glass Manufacturer at Goole, UK, to begin using Mobil SHC 600 series synthetic lubricant. Formulated with wax-free synthetic hydrocarbon fluids and proprietary additive system, Mobil SHC 600 series provides exceptional equipment protection and reliability in extreme service applications. In addition, Moove's engineers recommended the company implement routine Mobil Serv<sup>™</sup> Lubricant Analysis to monitor equipment and oil conditions. This proved conclusive that Mobil SHC 600 Series outlasted the current product, providing confidence when extending the previous drain product of just three months due to the previous oil supply breaking down over the time period.

Extended oil drain intervals by  
**4 Times**

Industrial  
Lubricants



### Advancing productivity

Helping you reach your Safety, Environmental Care\*\* and Productivity goals through our innovative lubricants and services is our highest priority. That's Advancing Productivity. And that's how we help you achieve your broader vision of success.

\* 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 [mobil.com/industrial](http://mobil.com/industrial) 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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