

Mobil SHC Cibus™ 46 helps improve operational productivity and reduce air compressor oil expenses for a potential annual saving of \$40,000\*



Energy lives here™

## Atlas Copco air compressor | Potato snack manufacturing | Thailand

### Situation

A leading carbonated drinks manufacturer operated 15 Atlas Copco air compressors lubricated by an OEM branded fluid. The company experienced operational issues and sought ExxonMobil Field Engineering Team for assistance with the objectives to reduce unscheduled downtime and operational costs. The company also wanted to use a lubricant that meets lubricant NSF-H1 requirements and to employ a structured used oil monitoring programme to determine oil change intervals rather than following a fixed oil change interval. Historically, the air compressors have had approximately two oil changes per year after an average of 2,000 hours of operations.

### Recommendation

ExxonMobil engineers recommended an upgrade to **Mobil SHC Cibus™ 46** for longer oil life.

**Mobil SHC Cibus™ Series** lubricants are high-performance hydraulic, compressor, gear and bearing oils. They are designed to provide long equipment protection, extended oil life and help to ensure trouble-free operation in the food and beverage processing and packaging industries.

ExxonMobil engineers also recommended implementing **Mobil Serv™ Lubricant Analysis**, for a proper documentation and to find the optimum oil drain interval for the compressors in use.

### Benefit

Transitioning to **Mobil SHC Cibus 46** allowed the company to extend oil life and achieve oil drain intervals of 4,000 hours or more, depending on the application and operating conditions, while maintaining equipment protection. Doubling oil drain interval resulted in a 50% reduction in the volume of oil purchased, which together with reduced energy consumption calculated for annual savings of \$40,000\* for this application. After the conversion to **Mobil SHC Cibus**, it has been reported that the operating temperature on one of the compressors dropped by approximately 12 degrees Celsius, which additionally helps to extend oil life time.

Oil drain intervals

2x

Industrial Lubricants



**Advancing Productivity™**

### 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. It'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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