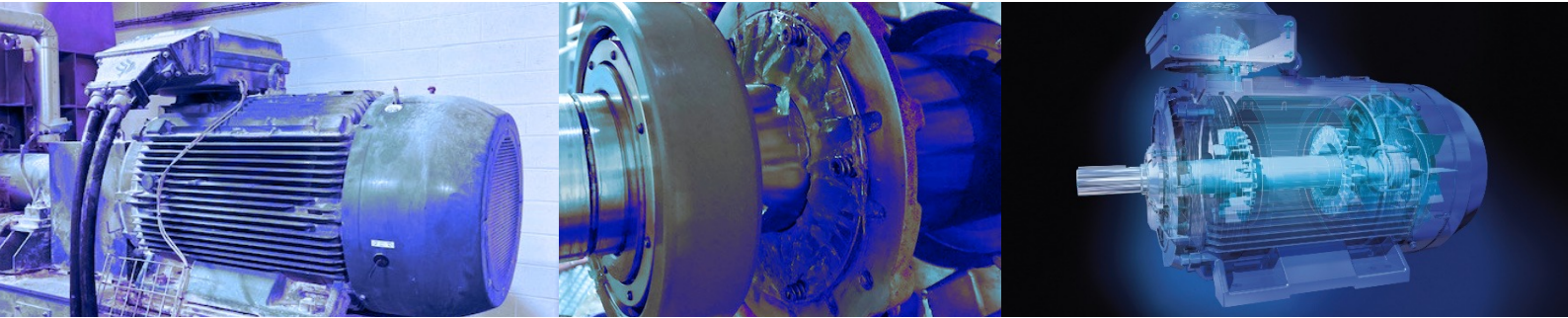


# Mobil SHC Polyrex 102 EM saves French Dairy Producer 34,285kWh and 1594 kg eq. CO<sup>2</sup> per year on their electric motor lubrication



## France | Electric motors | Milk powder production site

### Situation

On a milk powder production site, 23 electric motors with a total power of 6,746 kW were used to drive various pieces of equipment. These motors were lubricated with a specific grease for electric motors.

### Recommendation

In 2023, Moove recommended switching the lubrication of electric motors to Mobil SHC Polyrex 102 EM grease due to the following:

- Thanks to its specific formulation, the grease reduces friction in the bearings, reducing energy consumption and enhancing energy savings.
- The performance profile of the Mobil SHC Polyrex 102 EM can extend lubrication intervals up to 20%.

### Results

After analysing the performance of the 23 electric motors after switching to Mobil SHC Polyrex 102 EM, the customer has reported a reduction of electrical consumption and cost savings totalling €8,047 per year, whilst reducing their CO<sup>2</sup> footprint with a decrease of 1,594 kg/eq. CO<sup>2</sup> per year



Reduction of 62  
interventions per year



Decrease of 1,594kg  
eq. CO<sup>2</sup> per year



Saving 34,285 kWh  
per year



Savings of €8,047  
per year

Industrial  
Lubricants



**Advancing  
Productivity**<sup>™</sup>

### Advancing productivity

By helping you enhance equipment life and reliability – which reduces maintenance costs and downtime – our expert services can help you achieve your safety, environmental care\*\* and productivity goals.

\* 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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