

# High Quality Lubricants and Sustainability

*High quality lubricants can help companies reduce energy consumption and meet their sustainability goals*

## CHALLENGES

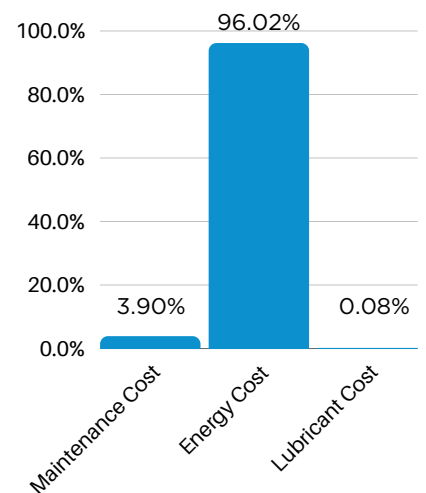


Upgrading lubricants to the latest technology comes at a cost, that's a given. This can make it hard for customers to justify the higher cost of the oil because maintenance savings cannot be shown prior to purchasing the oil. Furthermore, records are not always user-friendly, making it difficult for personnel to accurately document the savings that result from using the high-performance oil.

## SOLUTIONS



Measuring energy savings provides a more immediate and definitive means of justifying the use of such performance-formulated lubricants. Energy cost, often the largest expense of operating rotating equipment, can exceed the cost of maintenance on rotating equipment by 20 to 25 times or more. Because the energy costs are so great, even a one percent reduction in energy consumption produces large dollar savings. This is why significant improvements in lubricant quality offer immensely leveraged opportunities to reduce costs and increase the company's overall earnings.



## ILMA MEMBER'S CASE STUDY EXAMPLES

1

### Oil Refinery in New Mexico

Using synthetic lubricating oil in all lubricated equipment, they were able to reduce total energy use by 8.5% in their pumps. This also resulted in a savings of ~\$216K per year.

2

### Major Aluminum Founding & Machining Operation

Using premium lubricants, the company reduced total energy usage in 14 pieces of equipment by 3% with an estimated annual savings of ~\$27K. Significant reductions in operating temperature for much of the equipment were also achieved.

### At a glance

Many operations managers and top-level leadership look to their facilities and processes for tangible ways to reduce energy consumption and promote sustainability. But did you know using quality lubricants can also help your customers achieve this?