

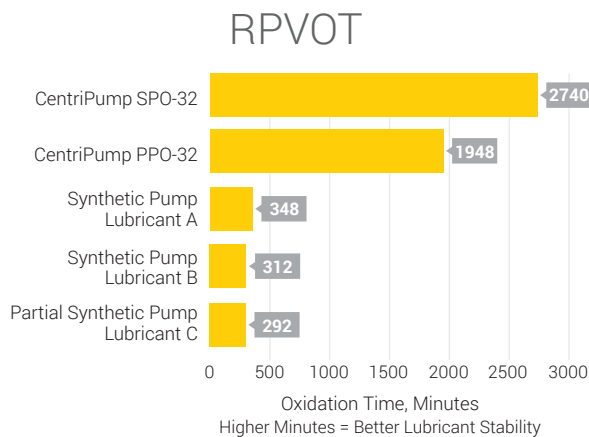


CentriPump

SPO and PPO Series

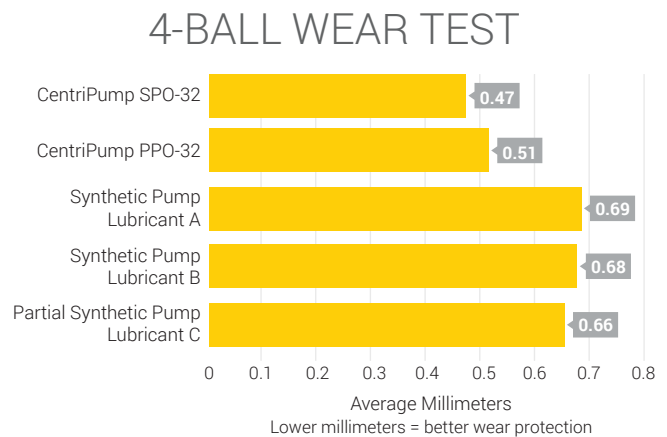
CentriPump SPO and PPO Series are the two best pump lubricant options in the market. The SPO series is a full synthetic PAO (polyalphaolefin) with industry leading temperature stability and water demulsibility. The PPO is a blend of premium synthetic and petroleum base oils, specially designed for centrifugal pump applications. Both products are field proven to increase uptime and lower total cost of ownership. Here are a few of the many benefits these products offer:

Superior Oxidation Stability



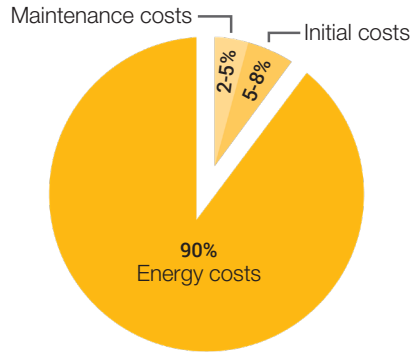
- Extended oil life
- Maximum protection against rust, corrosion and foaming
- Excellent at controlling sludge and deposits

Excellent Wear Properties

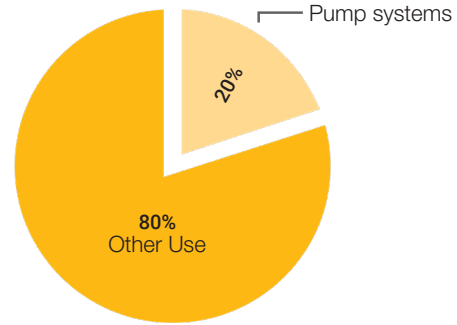


- Superior wear protection
- Reduced maintenance costs
- Exceptional equipment protection

Synthetic and synthetic blends also show lower pour points, increased viscosity index, higher temperature rating, and are compatible with common seal and gaskets.



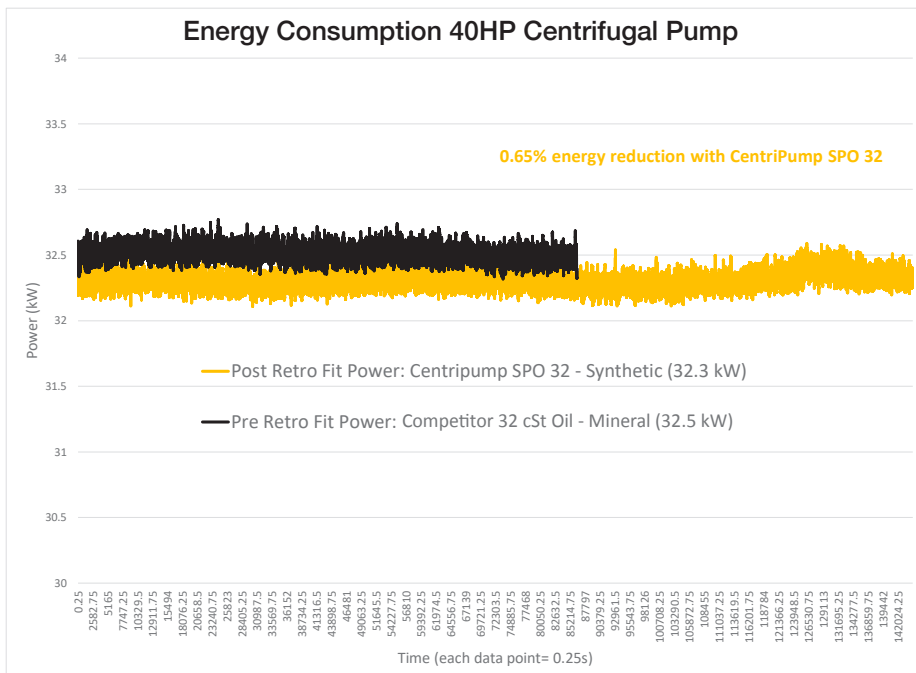
Lifetime Costs of a Centrifugal Pump



Total Global Energy Consumption

High quality synthetic-based oils have been proven to reduce energy consumption.

Energy Savings



- The larger the pump, typically the larger the savings. Study was conducted on a 40HP pump.
- Each 40HP pump saves \$158/year
- A chemical plant with 400 40HP pumps running 24/7 would save \$63,200/year in energy costs.
- Additional savings can be achieved (3-5%) range if viscosity range is reduced - this can often be achieved due to superior viscosity/temperature characteristics of synthetic oil

Switching from mineral base oil to pure synthetic can yield thousands of dollars in energy savings.

Also see our Synthetic Barrier Fluid Line

Summit offers several synthetic barrier fluid options. Our standard Summit Barrier Fluid is NSF H1 registered and available in 5, 17, 30, 46, and 68 cSt. Summit Barrier Fluid E is available in 31 cSt and is designed for use with sensitive catalysts.