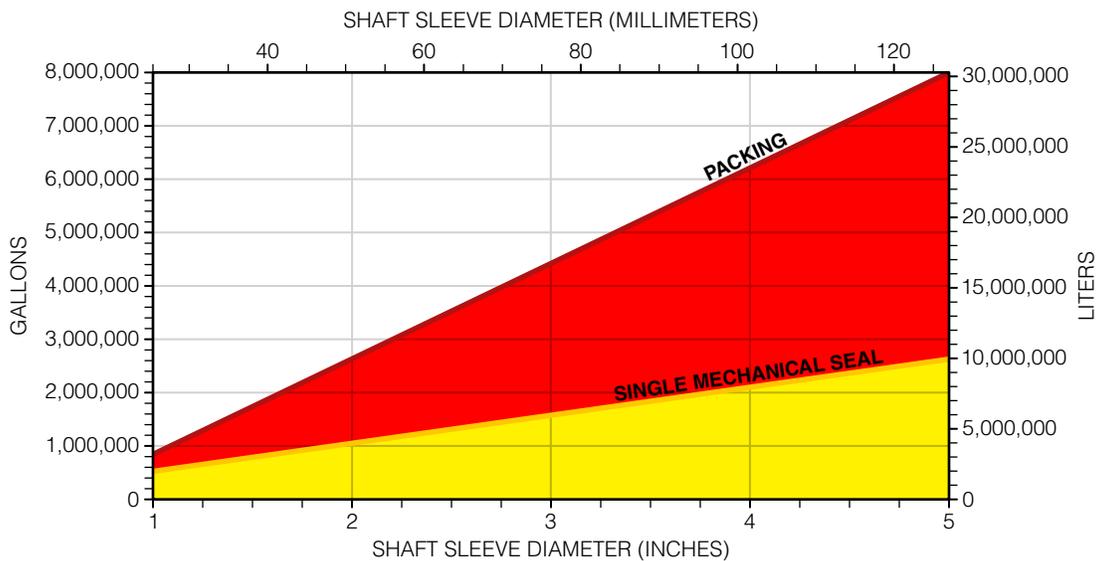


# WATER USAGE OF CONVENTIONAL SEALS

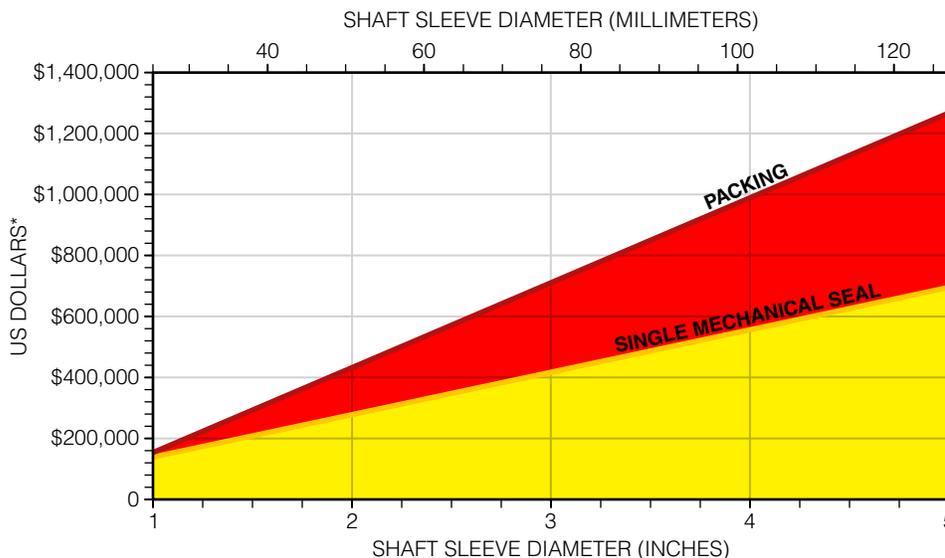


Wilfley Sealing Technology provides **leak free** operation at all times without requiring the flush systems and expensive operating costs that are associated with mechanical seals and packing. This might not seem very important until you look at it from a larger scale... **the yearly savings can be astounding!**

## Annual Flush Water Consumption



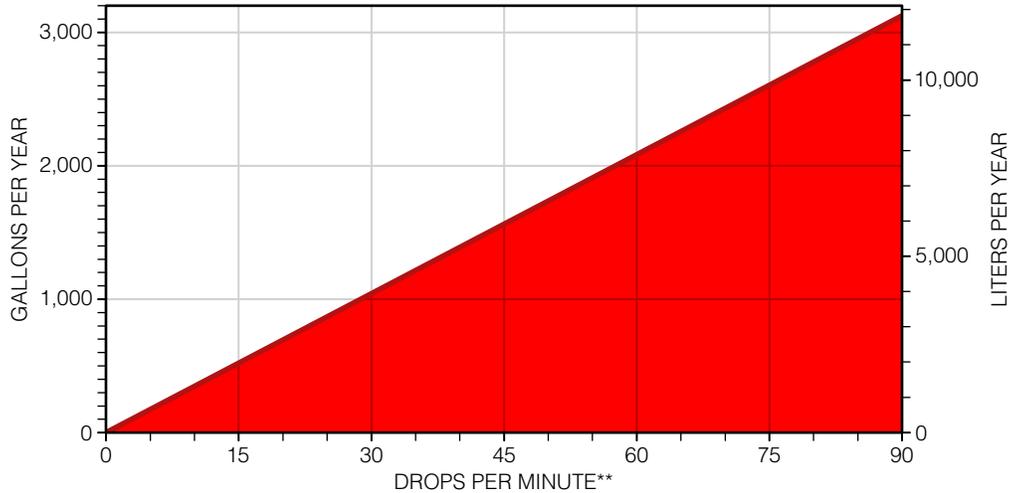
## Annual Evaporating Costs



# WATER USAGE OF CONVENTIONAL SEALS

A couple of drops of product leakage might not appear to be a serious concern but all of those drops really add up throughout the year. This leakage isn't just a loss in product, it also adds to the amount of waste water that will need to be handled.

## Annual Product Leakage Through Seal



## Notes

Charts are based on a pump running for 24 hours a day, 365 days a year. Solution contains 10-20% fine solids by weight.

Data is based on best case scenario.

Mechanical seal flush rate data based on 1 USGPM per inch of shaft sleeve diameter.

Packing data is based on a "full flush" configuration with 60% of the flush water entering the process.

Evaporating cost data based on the Fluid Sealing Association Life-Cycle Cost Estimator.

\*Evaporating cost based on \$0.10 per kWh

\*\*1 drop of fluid = 0.0084 fl oz (0.25 ml)

Visit [www.wilfley.com](http://www.wilfley.com) to calculate your annual water consumption and energy costs.