

# POLYOL

Alcohols having many hydroxyl radicals are called polyols. Many companies market polyols under their own trade names. Product viscosity varies greatly depending on the specific polyol, but can be as thick as 40,000 cP. Polyols are often blended with isocyanates, so pumps handling polyols are often requested to be built using isocyanate compatible lubricants.



## SUGGESTED PUMPS:



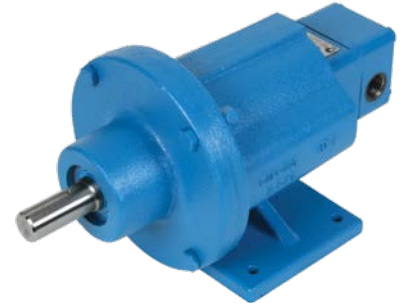
### 4124A SERIES™

- Cast Iron
- Many sealing options
- Bushing options for compatibility & abrasion resistance
- Capacities to 500 GPM



### 8124A SERIES™

- Cast Iron
- Sealless design
- Bushing options for compatibility and abrasion resistance
- Capacities to 500 GPM



### SG SERIES™

- Ductile Iron
- Sealless design
- Bearing options for compatibility
- Higher pressure compatibility
- Capacities to 190 GPM

## POLYOL APPLICATIONS:

- Unloading Pumps
- Transfer Pumps
- Feed Pumps
- Metering Pumps
- Chemical / Dye Feed Pumps

## VIKING IN THE PROCESS:

Viking pumps are used extensively in the handling of polyols. Mechanically sealed cast iron pumps (4124A Series™) are frequently used for polyol due to their sealing flexibility, which allows them to handle a wide range of viscosities. These pumps can also be fitted with hardened parts to resist wear from abrasives when pumping filled polyol products.

Polyols are commonly blended with isocyanates, which often use mag drive pumps that are built using isocyanate compatible lubricants. To minimize inventory, many customers will use mag drive pumps (8124A Series™ or SG Series™) built with isocyanate compatible lubricants for polyol applications as well.

Viking external gear pumps (SG Series™) develop high pressures and can directly feed small streams into the mixing system. They are available with double lip seals with a grease barrier, mechanical seals, or sealless mag drive. To provide a smaller footprint, they may be directly mounted to the motor for portable systems.

**INTERESTED IN A PRODUCT? CONTACT YOUR STOCKING DISTRIBUTOR TODAY!**

**VIKING PUMP®**



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