GREASES

Commonly referred to as lubricating, automotive, or bearing grease. Generally mixtures of a mineral oil with one or more metallic soaps; the most common are those of sodium, calcium, barium, aluminum, lead, lithium, potassium and zinc. The texture of grease may be smooth, buttery, ropy, fibrous, spongy or rubbery. Viscosities range greatly. However, grease is extremely shear sensitive. Typically flow is aided by a follower-plate on the supply tank.

GREASE APPLICATIONS:

- Grease manufacturing (batch or continuous blending)
- Grease packaging & tube filling
- Grease dispensing

VIKING IN THE PROCESS:

Viking pumps are used for unloading the raw materials of grease manufacturing from railcars or other transport to bulk storage, batch metering the component materials to stirred, jacketed reactors in batch processes, or continuous metering components in continuous processes, and transfer of finished product to packaging. These pumped materials include petroleum or synthetic oils as dispersion medium, soaps or other thickeners as dispersed phase, and additives and fillers like antioxidants, corrosion inhibitors and antiwear agents to provide specific properties required for the grease application. Jacketed pumps may be used for soap oil concentrates, which must be heated to over 200°C for high temperature greases.

SUGGESTED PUMPS:

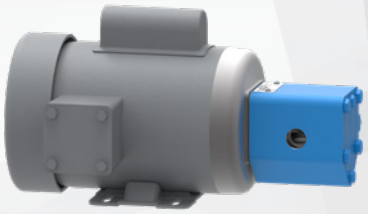
1224A SERIES™

- Cast Iron
- O-Pro Barrier™ seal to virtually eliminate leaking & mess associated with traditional packed pumps
- Capacities to 400 GPM

1127A SERIES™

- 316 Stainless Steel
- O-Pro™ Guard seal
- Capacities to 335 GPM

SG SERIES™



- Cast Iron
- Accurate metering of low viscosity additives
- Pressures >200 PSI
- Capacities to 190 GPM

VIKING PUMP®

Brown Brothers Engineers Ltd

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