

DETERGENTS



Detergent slurry is a blend of liquid surfactant with powdered and granulated materials, such as builders and additives, that help to improve surfactant and cleaning performance.

DETERGENT APPLICATIONS:

- Railcar unloading of feedstocks
- Transfer of process intermediaries
- Transfer of finished products

VIKING IN THE PROCESS:

Viking pumps are used throughout the detergent manufacturing process. They are used in moving the raw ingredients such as oils and fats from the railcars to the plant. Viking pumps are used in both the saponification and sulfonation processes to move liquids like fatty acids, sulfonic acid and glycerine. In addition, Viking pumps are used to move abrasive detergent slurry from the soap crutcher to the drying tower. They are also used in the blending and final packaging of the finished product. Viking pumps are able to handle a wide range of viscosities, have no pulsation, and flow rate can be adjusted easily with a variable frequency drive.

SUGGESTED PUMPS:

4127A SERIES™



- 316 Stainless Steel
- Cartridge lipseal sealing options
- Capacities to 320 GPM

1127A SERIES™



- 316 Stainless Steel
- O-Pro™ Guard seal
- Abrasive resistant sealing option
- Capacities to 335 GPM

4724 SERIES™



- 316 Stainless Steel
- High viscosity & abrasive resistant sealing options
- Capacities to 110 GPM



Brown Brothers
Engineers Ltd

VIKING PUMP®