



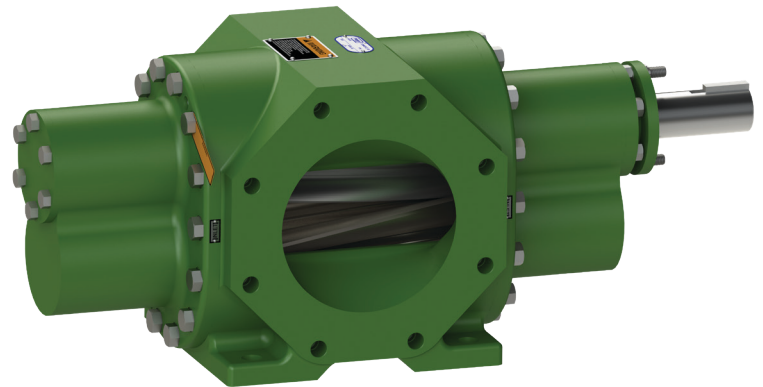
THE LEADING FORCE behind liquids™ since 1857

Bulk Liquid Series

HIGH CAPACITY PUMPS

For loading and unloading transport truck tankers, railway tank cars and barges, and high flow rate transfer in process plants and refineries.

The Bulk Liquid Series features Rugged, Long-Lasting Bearings, Quiet-Running Helical Gears, and Precise, Rugged, Maintenance-Friendly Design. These pumps are manufactured and assembled with the highest quality materials of construction in our Commerce, GA facility, giving you peace of mind knowing this pump is built to last.



3

SIZES AVAILABLE

1,045

GPM (UP TO)

125

PSI (UP TO)

Materials of Construction

- Cast Iron housings (Ductile Iron optional)
- Case Hardened Alloy Steel gears
- Babbit Filled Carbon bearings (Bronze and Iron optional)
- Case Hardened Alloy Steel Drive & Idler Shafts

Key Features

- 150 lb ANSI Flanges and easily accessible endplates make maintenance a breeze.
- Smooth liquid transfer from helical gear pumps.
- High speeds, self-priming.
- Positive displacement for broad range of operating conditions.
- Suitable for temperatures up to 450°F*.
- Discharge pressures up to 125 PSI.
- Smaller footprint than internal gear pumps.
- Easier to handle and retrofit.

**There are Hi-Temp specifications up to: 350°F Babbit Filled Carbon, 400°F Bronze, and 450°F Iron.*

Bulk Liquid Series

Series 4659-4759, 4668-4768 and 4699-4799

Applications

These pumps tend to be used at terminals to load rail cars, barges, and tanker trucks. They are also used to transfer between large tanks at the terminals.

- Thin liquids such as fuels, solvents, and petrochemicals.
- Thick liquids such as residual fuel oils, molasses, liquid asphalt, glues, and resins.
- Fast transfer.

Lower Cost of Ownership

Each pump is designed with only two moving parts to minimize wear and prevent premature failure.

The three models that comprise the Bulk Liquid Series share the same parts with the exception of gears and cases. This parts commonality eliminates the need to maintain inventory for each model, reducing the cost of ownership.

MODEL	THEORETICAL CAPACITY	MAX SPEED	MAX FLOW AT MAX SPEED (0 Discharge Press.)	MAX PRESS.	PORT CONN.
4659/4759	.63 GPR (2.38 L/REV)	1200 RPM	756 GPM (2862 L/MIN)	125 PSI (8.6 Bar)	6" Flange
4668/4768	.70 GPR (2649.7 CC/REV)	1200 RPM	845 GPM (192 M3/HR)	125 PSI (8.6 Bar)	8" Flange
4699/4799	1.05 GPR (3974.6 CC/REV)	1000 RPM	1045 GPM (237 M3/HR)	125 PSI (8.6 Bar)	8" Flange

Note: Maximum Speed and flow can only be achievable under the correct inlet (suction) and liquid conditions. Liquid viscosity and discharge pressure, plus pumping conditions will determine actual flow (i.e.. - theoretical minus slip).

