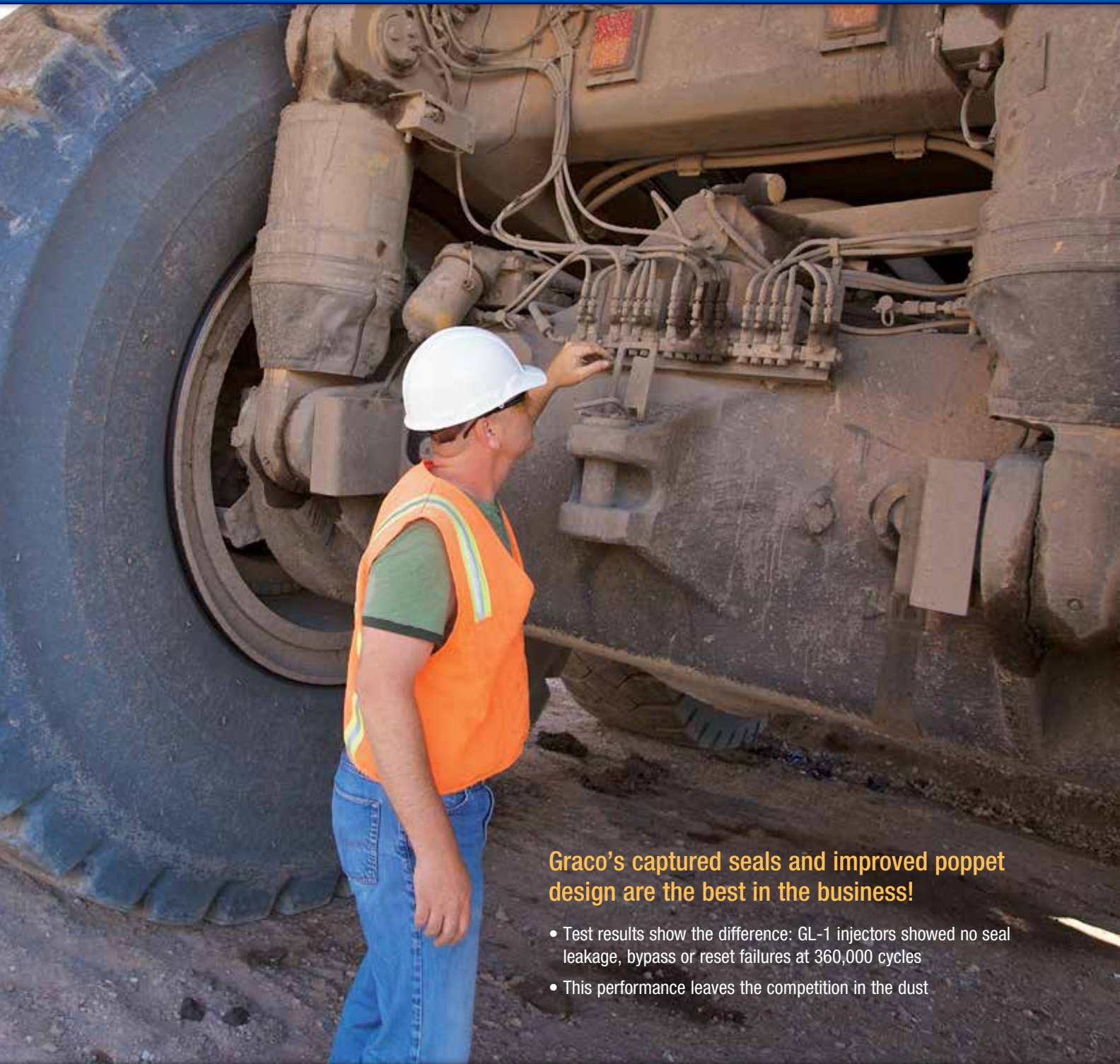


# GL-1 Injector

Automatic Lubrication System



**Graco's captured seals and improved poppet design are the best in the business!**

- Test results show the difference: GL-1 injectors showed no seal leakage, bypass or reset failures at 360,000 cycles
- This performance leaves the competition in the dust

PROVEN QUALITY. LEADING TECHNOLOGY.

# Precision-honed Components for Reliable Operation in the Harshest Environments

## System Setup Tips

- Run branches off main line and “Tee Out” to banks of injectors instead of in-series
- Locate injectors as close to bearings as possible to minimize line length to bearing to enable max pressure to reach injectors
- Place pressure switch beyond last injector
- Use large diameter tubing (1/4 in.) to lessen restrictions
- Make sure you have enough pressure to achieve normal 2,500 psi (172 bar)
- Make sure you vent down to the minimum reset pressure of your smallest injector

To adjust:

1. Loosen the lock nut
2. Rotate 5/8 inch output adjustment nut clockwise to decrease grease output—decrease the travel of the piston
3. Rotate 5/8 inch output adjustment nut counter-clockwise to increase grease output—increase the travel piston



## Technical Specifications

Maximum operating pressure	3500 psi (241 bar)
Minimum operating pressure	1850 psi (128 bar)
Suggested operating pressure	2500 psi (172 bar)
Reset pressure	600 psi (4.1 bar)
Output volume per cycle	0.008–0.08 in <sup>3</sup> (0.13–1.13 c <sup>3</sup> )
Recommended fluids	Uses NLGI #2 grease down to 32° F (0° C)
Instruction manual	308953
Design Guide	309015
Zerk Fitting Outlet	1/8 in npt
Supply Line Outlet	1/8 in npt
Inlet	3/8 in npt

*Adjustment Screw*

*Visual Indicator Pins*

*Lock Nut*

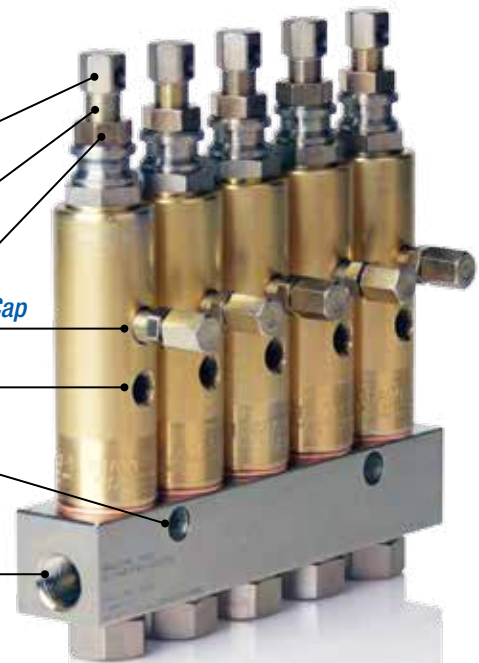
*Zerk Fitting with Cap*

*Supply Line Outlet*

*Mounting Holes*

Same as the competition for an easy retrofit

*Lubricant Inlet*



## Ordering Information

114901	One GL-1 Injector and Manifold
114902	Two GL-1 Injectors and Manifold
114903	Three GL-1 Injectors and Manifold
114904	Four GL-1 Injectors and Manifold
114905	Five GL-1 Injectors and Manifold
114909	Replacement GL-1 Injector
<b>GL-1 Series Accessories</b>	
115120	GL-1 Injector Outlet Adapter Kit
115119	GL-1 Clear Plastisol Injector Cover
114916	GL-1 & GL-11 Zerk Fitting and Cap Kit

Contact us today!

Call **800-533-9655** to speak with a Graco representative, or visit **www.graco.com** for more information.

