

Single Line Parallel

GL-33™ and GL-42™ Injectors

Features and Benefits

- Accurate, reliable and adjustable lubrication for each lube point. Systems are easy to design, fast to set up and allow you to add or subtract lube points without having to redesign your lubrication system
- Versatile high performance—works with oil and grease grades to NLGI #2
- All injectors come standard with fluoroelastomer seals for use with synthetic lubricants and high temperature applications—up to 350° F (176° C)



24W404

Typical Applications

- In-plant machinery, mobile equipment and anywhere adjustable lubrication output is desired

Typical Fluids Handled

- Oil (10 weight minimum) and grease up to NLGI #2

Technical Specifications

Grease

Maximum Operating Pressure	3,500 psi (241 bar)
Minimum Operating Pressure	1,200 psi (83 bar)
Typical Operating Pressure	1,500 psi (103 bar)
Reset Pressure	200 psi (13.7 bar)
Output Volume Per Cycle (adjustable)	0.001–0.003 in ³ (0.02–0.05 cm ³)
Maximum Temperature Rating	350° F (176° C)
Cycle Indication	Visual Pin
Instruction Manual	334495

Oil

Maximum Operating Pressure	1,000 psi (69 bar)
Minimum Operating Pressure	750 psi (52 bar)
Typical Operating Pressure	850 psi (59 bar)
Reset Pressure	150 psi (10 bar)
Output Volume Per Cycle (adjustable)	0.001–0.003 in ³ (0.02–0.05 cm ³)
Maximum Temperature Rating	350° F (176° C)
Cycle Indication	Visual Pin
Instruction Manual	334495

Ordering Information

GL-33 Carbon Steel Grease	
24W401	1-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W402	2-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W403	3-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W404	4-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24X302	5-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W405	6-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W406	9-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W407	10-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W408	15-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W483	Replacement injector, 1/8 outlet (must order in quantities of five)
24W487	Stand-alone injector, 1/8 NPT(f) inlet, 1/8 outlet (must order in quantities of five)

24W501	1-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W502	2-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W503	3-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W504	4-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24X303	5-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W505	6-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W506	10-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W507	15-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W484	Replacement injector, 6 mm outlet (must order in quantities of five)
24W488	Stand-alone injector, 1/8 NPT(f) inlet, 6 mm outlet (must order in quantities of five)

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GL-33™ and GL-42™ Injectors and Accessories

Ordering Information

GL-33 Stainless Steel Grease	
24W601	1-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W602	2-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W603	3-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W604	4-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24X304	5-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W605	6-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W606	10-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W607	15-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W485	Replacement injector, 1/8 outlet (must order in quantities of five)
24W489	Stand-alone injector, 1/8 NPT(f) inlet, 1/8 outlet (must order in quantities of five)
24W701	1-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W702	2-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W703	3-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W704	4-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24X305	5-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W705	6-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W706	10-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W707	15-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W486	Replacement injector, 6 mm outlet (must order in quantities of five)
24W490	Stand-alone injector, 1/8 NPT(f) inlet, 6 mm outlet (must order in quantities of five)
GL-42 Carbon Steel Oil	
24W801	1-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W802	2-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W803	3-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W804	4-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24X306	5-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W805	6-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W806	9-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W807	10-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W808	15-injector manifold, 1/8 NPT(f) inlet, 1/8 outlet
24W491	Replacement injector, 1/8 outlet (must order in quantities of five)
24W493	Stand-alone injector, 1/8 NPT(f) inlet, 1/8 outlet (must order in quantities of five)
24W901	1-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W902	2-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W903	3-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W904	4-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24X307	5-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W905	6-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W906	10-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W907	15-injector manifold, 1/8 BSPP inlet, 6 mm outlet
24W492	Replacement injector, 6 mm outlet (must order in quantities of five)
24W494	Stand-alone injector, 1/8 NPT(f) inlet, 6 mm outlet (must order in quantities of five)

GL-32, GL-33, GL-42, and GL-43 Outlet Fittings	
17B168	JIC-4 male outlet, carbon steel
17B169	JIC-4 male outlet, stainless steel
17B780	1/8 NPT(f) outlet, carbon steel
17B781	1/8 NPT(f) outlet, stainless steel
17B879	1/8 OD tube, push to connect
17B880	1/4 OD tube, push to connect
24F513	4 mm OD outlet tube, carbon steel
24F555	4 mm OD outlet tube, stainless steel
24B677	1/8 OD outlet tube, carbon steel
24F943	1/8 OD outlet tube, stainless steel
24F514	6 mm OD outlet tube, carbon steel
24F556	6 mm OD outlet tube, stainless steel
17B782	Outlet closure plug, carbon steel
17B783	Outlet closure plug, stainless steel
Accessories	
24W495	Manual grease fitting adapter
17B785	Measuring chamber vinyl cap
24W913	GL33 overhaul kit, carbon steel
24W914	GL33 overhaul kit, stainless steel
24W915	GL42 overhaul kit
24B360	GL32 overhaul kit, carbon steel
24F944	GL32 overhaul kit, stainless steel
24F201	GL43 overhaul kit