

Series Progressive Lubrication System

Introduction to Series Progressive

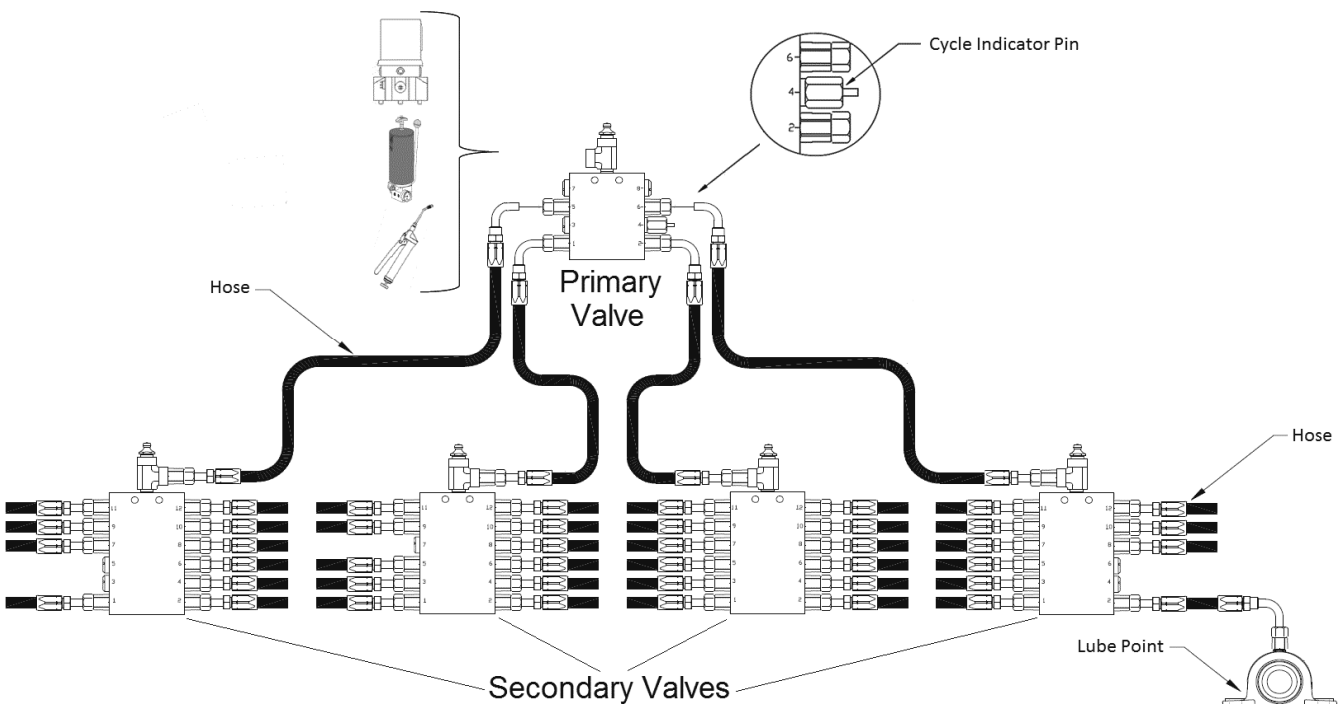
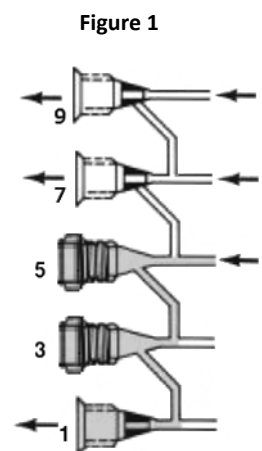
The series progressive system is designed to provide a more reliable and efficient way to lubricate machinery bearings. By centralizing all of a machine's grease points, the amount of time needed to properly maintain a piece of equipment is greatly reduced. Downtime due to bearing related failures decreases also. Worker safety is improved by virtually eliminating the need to remove safety guarding, or to crawl into a piece of equipment to access those hard-to-reach grease points. All of the grease points are lubricated by one safe and easily accessible location outside of the safety guarding.

The 40 Series Valve is the heart of each series progressive lubrication system. Each 40 Series Valve incorporates a number of metering pins that dispense a highly repeatable volume of lubricant to each outlet. Visual confirmation that the valve has completed a full cycle is provided by a cycle indicator pin.

Crossporting a 40 Series Valve

Each outlet on the 40 Series Valve is marked with a number. By placing an M10x1 closure plug in an outlet, the lubricant is redirected to the next adjacent outlet in descending numerical order. Crossporting allows multiple outlets to be combined together to meet the demands of larger lube points. Special attention must be paid to **never plug outlets 1 and 2**. There are no crossport passages in either of these outlets, plugging them will cause the valve to stop working.

In figure 1, outlets number 5 and 3 have closure plugs causing the lubricant volume of each to be redirected to outlet 1.

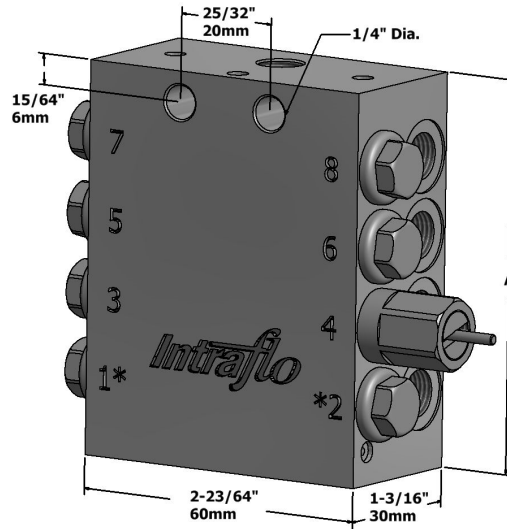
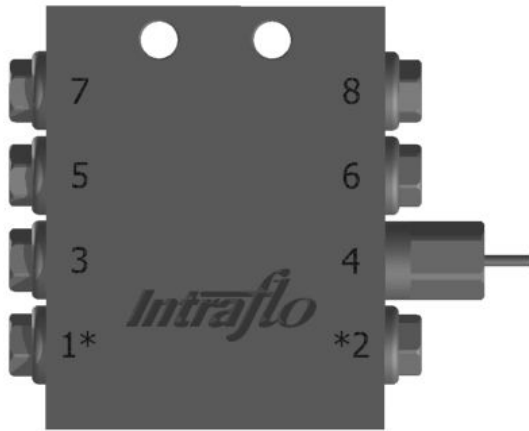


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Series Progressive Lubrication System



40 Series Divider Valves are available with or without a cycle indicator pin, which provides visual indication of proper system function. Our zinc/iron, trivalent black chromate plating gives the 40 Series Valves a corrosion resistance of 720 hours per ASTM B117. **RoHS & ELV Compliant**

Specifications

Production Material	Max. Operating Pressure	Output/ Cycle per Outlet	Lubricant Inlet	Operating Temperature	
				Min.	Max.
Carbon Steel	5076 psig / 350 bar	.012 in ³ / .2 cc	1/8" NPTF (F)	-22°F / -30°C	212°F / 70°C

40 Series Divider Valves

Model No.	Number of Outlets	Cycle Indicator Pin	Dimension A
401061	6	Yes	2.36 in. / 60 mm
401062		No	
401081	8	Yes	2.95 in. / 75 mm
401082		No	
401101	10	Yes	3.54 in. / 90 mm
401102		No	
401121	12	Yes	4.14 in. / 105 mm
401122		No	
401141	14	Yes	4.8 in. / 120 mm
401142		No	
401161	16	Yes	5.4 in. / 135 mm
401162		No	
401181	18	Yes	5.9 in. / 150 mm
401182		No	
401201	20	Yes	6.5 in. / 165 mm
401202		No	

*Note: Outlets 1 and 2 must be used on each of the models listed above to ensure proper system function.

*Note: Valve outlet fittings must be used for lubricant outlets on 40 Series Valves.

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