

MEASURING VALVE



Model 281849

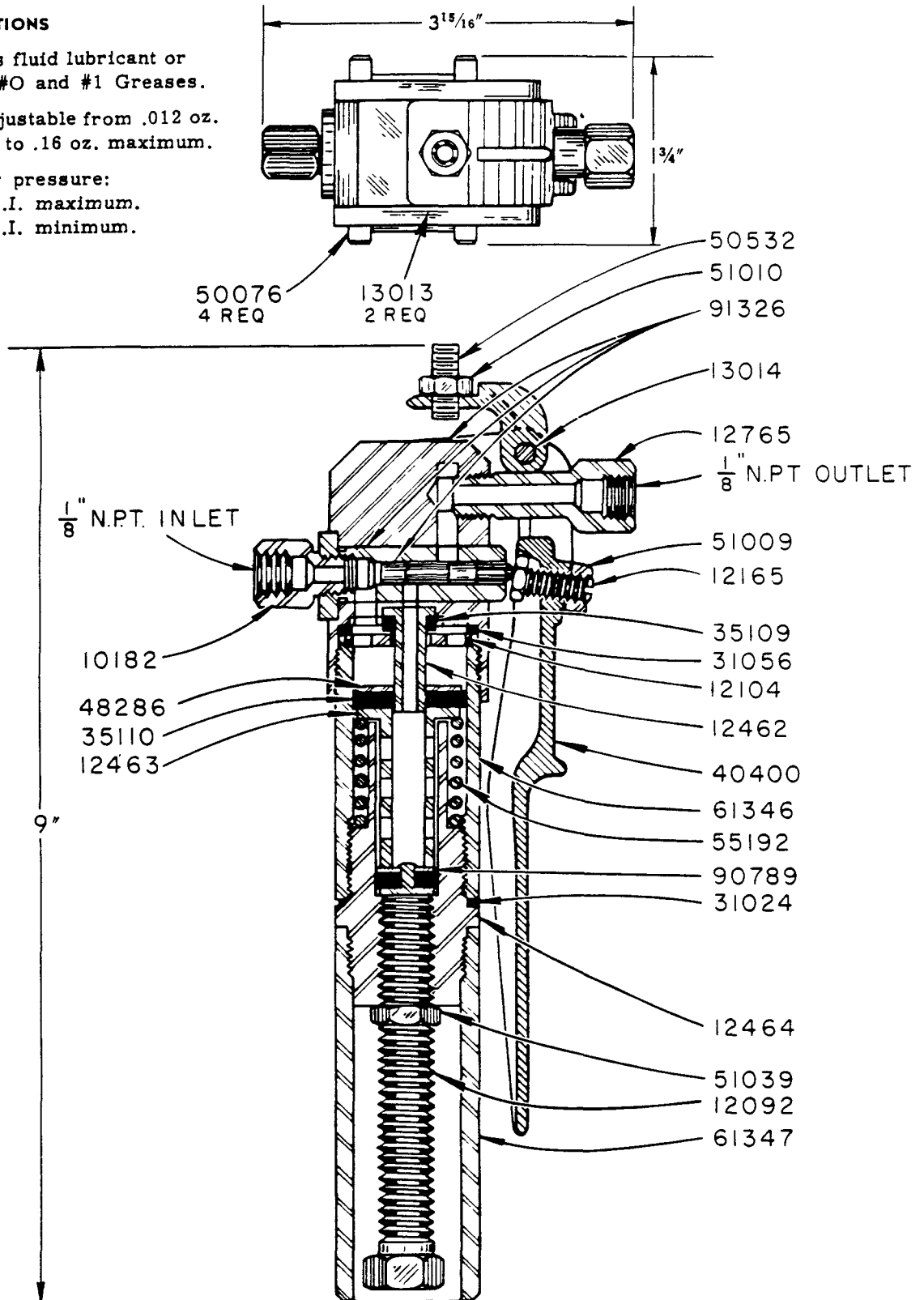
Series C

SPECIFICATIONS

Dispenses fluid lubricant or
N.L.G.I. #0 and #1 Greases.

Output adjustable from .012 oz.
minimum to .16 oz. maximum.

Operating pressure:
5,000 P.S.I. maximum.
500 P.S.I. minimum.



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A DIVISION OF
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OPERATING INSTRUCTIONS

The Model 281849 Measuring Valve is designed to dispense measured quantities of semi-weight Oils, and Lubricants initially pumped from power operated Lubriguns

INSTALLATION

The Measuring Valve can be mounted in either a vertical or horizontal stationary position and is also adaptable for attachment to a flexible Delivery Hose

ADJUSTMENT

The volume of Lubricant dispensed with each compression of the Handle is regulated by the Adjusting Screw. Loosen Lock Nut and turn Adjusting Screw to right to decrease volume and to left to increase volume

Two Set Screws are provided on the Handle for adjustment. Adjust Set Screw "A" so that end of Handle, when it is in the released position, is two inches from the Valve Body. Adjust Set Screw "B" so that it is 5/16" from the Valve Body. When both adjustments are made, secure in place with the two Lock Nuts which are provided.

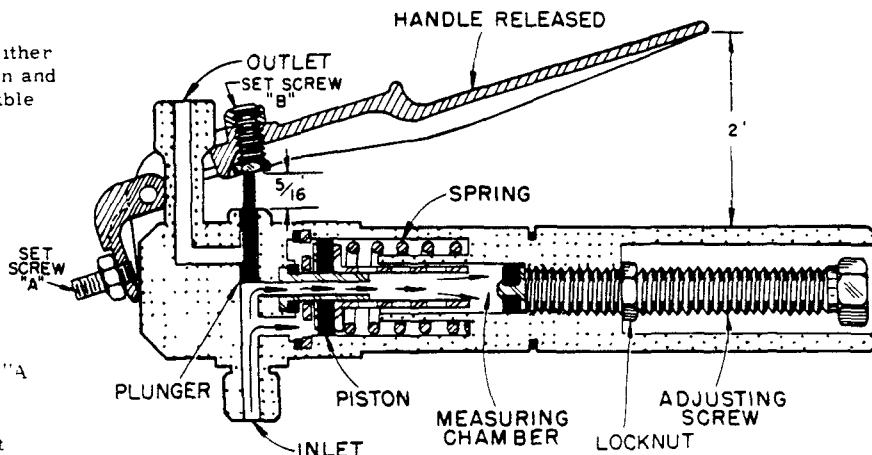


FIGURE 1

OPERATION

Figure 1 When Handle is released Spring pressure forces Piston forward to permit Lubricant entering Inlet to fill Measuring Chamber. Position of Plunger prevents Lubricant from flowing out of Outlet.

Figure 2 When Handle is compressed the Lubricant entering Inlet drives Piston back to force Lubricant from Measuring Chamber through Outlet. Position of Plunger connects Measuring Chamber with Outlet Passage

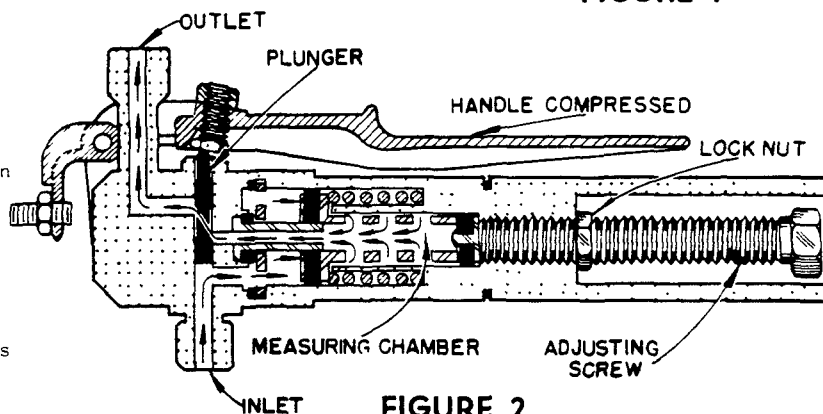


FIGURE 2

MAINTENANCE

Figure 1 If Lubricant continues to flow from Outlet after Handle is released the Plunger is worn or damaged and the 91326 Body and Plunger Assembly should be replaced

Figure 2 If Lubricant continues to flow from Outlet when Handle is compressed and Measuring Chamber is emptied the Plunger or the Piston is worn or damaged and should be replaced.

REPAIR PARTS LIST

PART NO	DESCRIPTION	PART NO.	DESCRIPTION	PART NO	DESCRIPTION
10182	Adapter	13014	Pin	51000	Adjusting Screw Nut
12092	Adjusting Screw	31024	Outlet Check Gasket	51010	Hex Nut
12104	Control Washer	31056	Tube Gasket	51039	Hex. Nut
12165	Adjusting Screw	35109	Follower Guide Packing	55192	Spring
12462	Follower Guide	35110	Container Packing	61346	Container Tube
12463	Follower Bushing	40400	Handle	61347	Adapter
12464	Container Nut	48286	Container Washer	90739	Packing Assembly
12765	Nozzle Adapter	50076	Allen Hd Cap Screw	91326	Body and Plunger Assembly
13013	Toggle	50532	Set Screw		

RETAIN THIS INFORMATION FOR FUTURE REFERENCE

When ordering Replacement Parts, List Part Numbers, Description, Model Number, and Series Letter.
LINCOLN ST. LOUIS Provides a Distributor network that stocks Equipment and Replacement Parts.
 Repairs by Authorized Service Depts. List furnished upon request.