

2-Point Lubrication System

The 2-Point MEMOLUB[®] System is especially designed for the economical lubrication of two bearing shaft systems, for example, electric motors, pumps, fans, etc. The Splitter-MEMO evenly divides the volume of lubricant during each ejection cycle of the MEMOLUB[®] HPS lubricator. It transforms a single MEMOLUB[®] HPS lubricator into a two-outlet lubricating system.

The 2-Point MEMOLUB[®] System includes a MEMOLUB[®] HPS lubricator with Splitter-MEMO and push-in tube fittings installed on a Mounting Bracket. Tubing and push-in bearing fittings are purchased separately. Tubing in various lengths, pre-filled with the desired lubricant, is also available to further simplify the installation process.

The system can be used with any of the three sizes of MEMOLUB[®] HPS lubricators, the Standard Model 120, the Mega Model 240 and the Giga Model 480. They can also be used with any of the power options available with the MEMOLUB[®]. The 2-Point Memolub[®] System can be used only in grease applications.

The Splitter-MEMO replaces the brass fitting of the normal MEMO. The black plastic timing ring holder and three colored timing rings are used with the Splitter-MEMO to program the frequency of lubricant ejection cycles. The black plastic timing ring holder is fit onto the Splitter-MEMO in the same manner as the brass fitting of the standard MEMO. Refer to Output Programming chart for output rates.

Installation

The Splitter-MEMO can be used with a maximum of 14 foot (4 meters) lengths of tube per outlet port with a minimum of 1/4" (6mm) internal diameter. The user should attempt to keep similar tube lengths for each outlet, particularly for long lengths.

IMPORTANT: Please note that the Splitter-Memo can only be used with the MEMOLUB[®] HPS lubricator and requires a full piston stroke. Stroke limiting washers cannot be used with the Splitter-MEMO. The Splitter-MEMO cannot be used with the older version of the MEMOLUB[®], referred to as the MEMOLUB[®] Original.

Retrofitting

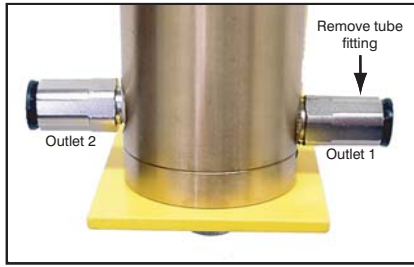
Retrofitting a MEMOLUB[®] HPS lubricator in the field into a 2-Point MEMOLUB[®] System may require recharging the Splitter-MEMO with the correct grease being used. Splitter-MEMOs purchased without a MEMOLUB[®] HPS lubricator are delivered pre-charged with a lithium based grease. If an incompatible grease or a special grease (e.g. food grade) is to be used, it will be necessary to flush and recharge the Splitter-MEMO.

Priming the Splitter

The Splitter-MEMO can be pre-charged at the factory with the same grease that is ordered in the MEMOLUB[®] HPS grease cartridge supplied with the system. Do not open the Splitter-MEMO or manually activate the Stem Valve. In both cases air will be introduced into the system. If for any reason the Splitter-MEMO loses its prime, it can be recharged as described in steps 1 and 2 on the next page.



Priming the Splitter (continued)



Step 1. Remove MEMOLUB® HPS lubricator from Splitter-MEMO. Remove push-in tube fitting from outlet No. 1. Screw in Zerk grease fitting supplied with Splitter-MEMO.



Step 2. With a standard grease gun inject grease through the Splitter-MEMO until grease comes out the top.

2-Point MEMOLUB® Splitter System Programming

Lubricant Output Programming

Timing Rings are placed in the Black Ring Holder individually or in combination. This programs the number of ejected cycles that occur each day and thus the daily lubricant output.

Each output strokes ejects .635 cc's of lubricant. This lubricant is divided between the two output ports.

R = Red Timing Ring

W = White Timing Ring

B = Black Timing Ring

The frequency of cartridge change-out is shown under each HPS model.

Program	Ejection Cycles Per Day	Daily Output in CC's	HPS Standard, Model 120			HPS Mega, Model 240			HPS Giga, Model 480		
			Days to Empty	Weeks to Empty	Months to Empty	Days to Empty	Weeks to Empty	Months to Empty	Days to Empty	Weeks to Empty	Months to Empty
RWB	24	15.24	8	1	-	16	2	-	31	4	1
RW	12	7.62	16	2	-	31	4	1	63	9	2
RB	4	2.54	47	7	1	94	13	3	189	27	6
R	2	1.27	94	13	3	189	27	6	381	54	12
BW	1.5*	0.95	126	18	4	253	36	8	505	72	17
W	1	0.64	189	27	6	381	54	12	750	107	25
B	.5**	0.32	381	54	12	750	107	25	-	-	-

If, at the ejection rate selected, the "Months to Empty" exceed 12 months, it is recommended that the Lubricant Cartridge and Battery Pack be replaced at least every 12 months.

To extend Battery Pack and Lubricant Cartridge change-out to 24 months, we suggest the use of "Cold Weather" Lithium Battery Packs.

* Ejection cycle occurs every 16 hours. Daily Output shown is average lubricant output per day.

** Ejection cycle occurs every other day. Daily Output shown is average lubricant output per day.

How to order your MEMOLUB[®] 2 Point Splitter System

The MEMOLUB[®] 2 Point Splitter System can be ordered by using the quick coding below. Simply replace the "X's" with the code corresponding to your selection in the sub-menus. Additional installation parts and nylon tubing (empty or pre-filled with lubricant) are also available.

2PM - XXX - XXX

Lubricator size

- RET = Splitter Memo Assembly only (Retrofit - No lubricator)
- 120 = Standard HPS Model 120 (120cc of lubricant)
- 240 = Mega HPS Model 240 (240cc of lubricant)
- 480 = Giga HPS Model 480 (480cc of lubricant)

Power Options

- R = HPS - Regular Configuration, Alkaline Battery Pack
- L = HPS - with Cold Temperature Lithium Battery Pack
- X = HPS - EEX Limited Hazardous Location, Alkaline Battery Pack

- C0 = EPC - External On/Off Control, Battery Powered and MEMO Controlled
- C1 = EPC - External On/Off Control, Battery Powered and MEMO Controlled with 15' Wire Ext. Kit.
- C2 = EPC - External On/Off Control, Battery Powered and MEMO Controlled with 30' Wire Ext. Kit.

- S0 = EPS - 4.5VDC Externally Powered - MEMO Controlled
- S1 = EPS - 4.5VDC Externally Powered - MEMO Controlled with 15' Wire Ext. Kit.
- S2 = EPS - 4.5VDC Externally Powered - MEMO Controlled with 30' Wire Ext. Kit.
- S3 = EPS - 4.5VDC Externally Powered - MEMO Controlled with 110VAC Plug-in Wall Converter
- S4 = EPS - 4.5VDC Externally Powered - MEMO Controlled with 110VAC Rack Mount Converter and 15' Wire Ext. Kit.
- S5 = EPS - 4.5VDC Externally Powered - MEMO Controlled with 110VAC Rack Mount Converter and 30' Wire Ext. Kit.

- S11 = EPS - 12VDC Externally Powered - MEMO Controlled
- S12 = EPS - 12VDC Externally Powered - MEMO Controlled with 15' Wire Ext. Kit.
- S13 = EPS - 12VDC Externally Powered - MEMO Controlled with 30' Wire Ext. Kit.

- S21 = EPS - 24VDC Externally Powered - MEMO Controlled
- S22 = EPS - 24VDC Externally Powered - MEMO Controlled with 15' Wire Ext. Kit.
- S23 = EPS - 24VDC Externally Powered - MEMO Controlled with 30' Wire Ext. Kit.

- P0 = PLCd - 24VDC Externally PLC Powered and Controlled
- P1 = PLCd - 24VDC Externally PLC Powered and Controlled with 25' Wire Ext. Kit.

Bearing Fittings & Tubing

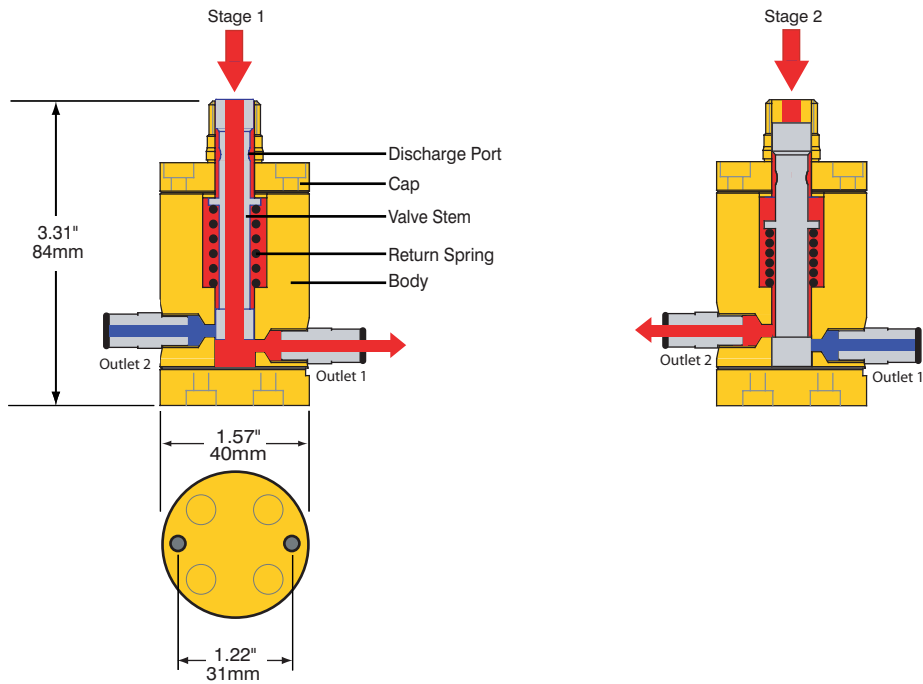
Bearing fittings are not included in the 2-Point Splitter System. Push-in tube fittings (for 5/16" O.D. tubing) of appropriate thread size for bearings must be ordered separately. Other bearing fittings and tubing of different sizes are available upon request.

Example:

The part number "2PM-240-R" includes a 2 Point Splitter System with a Model 240 HPS lubricator and alkaline battery pack.

How the Splitter MEMO Works

The Valve Stem is maintained in the upper position by the spring. When the MEMOLUB[®] HPS ejects lubricant, the MEMOLUB[®] HPS pump piston simultaneously pushes the Valve Stem downwards. Lubricant flows through the hollow Valve Stem and, as shown in stage 1, out through Outlet 1. As the Valve Stem moves downwards, Outlet 1 is closed and Outlet 2 opens allowing lubricant to flow through it, as shown in stage 2. Upon completion of the output cycle the Return Spring pushes the Valve Stem into the upper position to complete the cycle.



Mounting Dimensions

