MEMOLUB® MPS Multi-Point Lubrication System

These systems provide a cost effective solution for lubricating multiple lube points with just one MEMOLUB® lubricator.

General Description

A MEMOLUB® MPS system combines any of the MEMOLUB® high pressure lubricators (HPS, EPS or PLCd) with a progressive distribution kit to create a compact, centralized lubrication system. These systems can reliably lubricate from 2 to 12 lube points and can be mounted up to 30 feet* from the lube points. The system is sold complete with a MEMOLUB® lubricator, mounting bracket, distribution valve and push-in tube fittings for quick installation. Prefilled nylon tubing is sold separately.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation</td>
<td>Progressive valve cycled by positive displacement pump</td>
</tr>
<tr>
<td>Lubricant cartridge capacity</td>
<td>120cc, 240cc or 480cc (Replaceable)</td>
</tr>
<tr>
<td>Compatible lubricants</td>
<td>Oils or Grease (to NLGI #2)</td>
</tr>
<tr>
<td>Connection thread</td>
<td>A variety of bearing fittings available</td>
</tr>
<tr>
<td>Max operating pressure</td>
<td>350psi (25 bar)</td>
</tr>
<tr>
<td>Temperature range</td>
<td>5°F to 120°F (-15°C to 50°C)</td>
</tr>
<tr>
<td>Output timing settings</td>
<td>Based on MEMOLUB® Model used</td>
</tr>
<tr>
<td>Power supply</td>
<td>4.5VDC battery pack or 24VDC External Power</td>
</tr>
<tr>
<td>External On/Off Control</td>
<td>Yes when used with EPS or PLCd lubricators</td>
</tr>
<tr>
<td>Remote installation</td>
<td>Up to 30 feet (9 meters)*</td>
</tr>
<tr>
<td>Reusable</td>
<td>Yes</td>
</tr>
<tr>
<td>Multi-Point Systems</td>
<td>2, 3, 4, 5, 6, 7, 8, 9**, 10**, 11** &amp; 12** points</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 Year limited</td>
</tr>
</tbody>
</table>

*Maximum lube line length is dependent on ambient temperature, grease viscosity & type and application back pressure.

** Multi-Point Systems with more than 8 outlets have restrictions on tubing OD, tubing length and the viscosity of the lubricant. Please call our staff at 800-635-8170 to answer any questions about sizing and installing your MPS System.

Benefits

- Reduce production downtime by lubricating your equipment while in operation
- Improve safety by remote mounting the MPS up to 30 feet from the lube point from hazardous locations
- Closed system to control airborne contaminants
- Reduce lubrication costs by utilizing “Minimal Lubrication Practices”

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414.727.8170 Local
414.727.8171 Fax
www.powerlubeind.com
How to order

A MEMOLUB® MPS 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.

MPS - **XX** - **X** - **XXXXXX** - **XXX**

**How many lube points would you like to lubricate?**

*Number of outlet ports*

- **02** = 2-Point (Each outlet 0.6cc)
- **03** = 3-Point (Each outlet 0.6cc)
- **04** = 4-Point (Each outlet 0.3cc)
- **05** = 5-Point (Four outlets at 0.3cc and one outlet at 0.6cc)
- **06** = 6-Point (Each outlet 0.3cc)
- **07** = 7-Point (Six outlets at 0.3cc and one outlet at 0.6cc)
- **08** = 8-Point (Each outlet 0.3cc)
- **09** = 9-Point (Six outlets at 0.3cc and three outlets at 0.6cc)
- **10** = 10-Point (Eight outlets at 0.3cc and two outlets at 0.6cc)
- **11** = 11-Point (Ten outlets at 0.3cc and one outlet at 0.6cc)
- **12** = 12-Point (Each outlet 0.3cc)

**Do you want to lubricate with grease or oil?**

- **O** = Oil
- **G** = Grease

**Which model and size MEMOLUB® would you like to use?**

- **120HPS** = 120cc - Battery powered lubricator
- **240HPS** = 240cc - Battery powered lubricator
- **480HPS** = 480cc - Battery powered lubricator
- **120EPS-24V** = 120cc - 24VDC External powered lubricator
- **240EPS-24V** = 240cc - 24VDC External powered lubricator
- **480EPS-24V** = 480cc - 24VDC External powered lubricator
- **120PLCD** = 120cc - PLC powered and programmed lubricator
- **240PLCD** = 240cc - PLC powered and programmed lubricator
- **480PLCD** = 480cc - PLC powered and programmed lubricator

* Multi-Point Systems with more than 8 outlets have restrictions on tubing OD, tubing length and the viscosity of the lubricant. Please call our staff at 800-635-8170 to answer any questions about sizing and installing your MPS System.

**Example:**
The part# MPS-04-G-240HPS-02 will be a 4-outlet grease system using the MEMOLUB® 240HPS lubricator and straight bearing fittings with a 1/4” NPT male thread.

**Bearing Fittings**

Here is a list of the most common fittings used with our MPS systems. Other thread and tubing sizes are available upon request.

**1/4” OD Tubing - Standard Bearing Fittings**

- **50** = No bearing fittings
- **51** = 1/8” NPT (M) -Straight
- **52** = 1/4” NPT (M) -Straight
- **53** = 1/8” NPT (M) -90° Elbow
- **54** = 1/4” NPT (M) -90° Elbow

**5/16” OD Tubing - Standard Bearing Fittings**

- **00** = No bearing fittings
- **01** = 1/8” NPT (M) -Straight
- **02** = 1/4” NPT (M) -Straight
- **03** = 1/8” NPT (M) -90° Elbow
- **04** = 1/4” NPT (M) -90° Elbow

**5/16” OD Tubing - Stainless Steel Bearing Fittings**

- **SS1** = 1/8” NPT (M) -Straight SS
- **SS2** = 1/4” NPT (M) -Straight SS
- **SS3** = 1/8” NPT (M) -90° Elbow SS
- **SS4** = 1/4” NPT (M) -90° Elbow SS

Our staff is available at 800-635-8170 to answer any questions about sizing and installing your MPS System.
Some MPS Systems use a horizontal or vertical coupler to accommodate different configurations of the distribution valve.

When coupling two outlets together, the amount of lubricant discharged doubles from 0.3cc's to 0.6cc's.

Maximum length of tubing is dependent on tubing I.D., ambient temperature, grease viscosity and application back pressure. Please call our staff to answer any questions about sizing and installing your MPS System.
The MEMOLUB® MPS is primed before shipment and is ready for use. On first installation of the MPS system, all lube lines and bearings should be pre-charged with the same lubricant that was ordered with the MEMOLUB® lubricator (prefilled tubing is available and sold separately).

Note: Periodic visual inspection is recommended for all MEMOLUB® lubricators.