



Threadapter®

To Connect one Body to Another:

Items needed: Threadapter® kit A-5535-2, 3/16 allen wrench, 11/16 wrench.

1. Remove end plugs or inlets on end of existing body where the new body will be attached.
2. Note the liquid adjust stem of the body to be attached must be backed completely out.
3. Install O-Rings into counter bores.
4. Turn 1/2-27 thread of Threadapter® into body until Threadapter® hits bottom.
5. Hold the two bodies to be connected together with the 1/2-13 thread of the Threadapter® at its correct location.
6. Use Allen wrench to tighten bodies together.
7. Turning the 1/2-27 thread out will allow the 1/2-13 thread to engage. Once engaged, continue turning until the bodies are drawn together and tightened.

1) INSTALLATION:

A. Mounting:

One 9/32" dia. mounting hole per body. Secure to flat surface. Pump may be mounted in any position (such as up side down).

B. Air and Liquid/Grease Connections:

1. Attach suction line to 1/8" NPT liquid/grease inlet.
2. Attach discharge line(s) to 1/8" NPT liquid/grease outlet(s).
3. Attach air line to 1/8" NPT air inlet.

2) OPERATION:

A. Start-Up Procedure (must be done in a clean environment):

1. Fill reservoir with liquid/grease to be pumped.
2. Set air inlet pressure (recommended 40 to 125 PSI @ 72° F).
3. Set liquid output using adjust stem.
4. Pump shipped at full volume .012 in³ setting (It is recommended to prime system at full volume).
5. Pump is ready to operate.
6. For faster start-up, prefill lines.

B. Liquid Output Adjustment:

1. Use the adjust stem atop each feed in conjunction with the air cycle rate (Individual conditions may vary).
2. Turn the liquid/grease output adjustment stem clockwise until it bottoms out.
3. Turn the liquid output adjustment stem counterclockwise until zero lines up with the milled slot in the top of the body. At this point, the liquid/grease output per cycle is **zero**.
4. Each clockwise turn of the adjustment stem increases liquid/grease output by: .00026 in³/.0042 cc/.00014 oz.
5. Maximum output, per cycle, per feed, with adjustment stem backed completely out: .0012 in.³/.02 cc/.00068 oz.