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Boss Proportioner, A side pump lube cup

All proportioners require the pumps to be retracted to the bottom position at the end of the day. The A side pump also needs to be lubed at end of day. This will seal up the top of the pump and prevent any hardening of A side material that may lock up your pump.

The Boss pump uses an adjustable top seal. The packing nut is the lube cup on this pump. It has holes in it for the top packing adjustment.

The lube cup is also very hard to clean and keep fresh lube in, which is part of your daily maintenance.

Here is a simple, inexpensive fix for the lube cup that will make your maintenance life a little easier. The fix is to fit a small piece of hose over the top of the pump to act as a lube cup that is easy to clean and maintain.

Use the common 1.5” clear vinyl hose that most hardware stores carry. Cut a piece about 1” long. The hose is a tight fit over the top of the pump and will need to be warmed up for installation. A propane torch will do the trick, use caution.

- 1) Bleed all line pressure off the machine and turn the power off.

- 2) Remove the double nuts off the top of the A-side pump shaft.
- 3) Using the appropriate wood block and pry bar, carefully force the pump cross-bar up and off the A pump shaft.
- 4) Warm up your hose piece till it is soft and pliable. Install over the top of the pump and push down over the holes to seal them up. The top of the hose should be about .25" above the top of the pump
- 5) Push the cross-bar down onto the pump shaft and re-install the top nuts, use thread lock on the nuts.
- 6) Fill the cup with fresh pump lube.
- 7) Monitor the lube cup daily, clean out and refill the cup as needed.

