

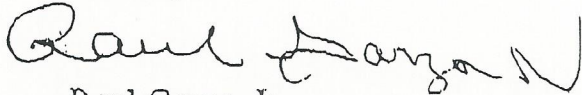
Oiling Lufkin Air Cylinder Start Up

Fill up 4-qt oiler with oil. Install oil in dipstick canister and fill until oil runs down rod side. Run for a day. Come back next day to check the oil level on the dipstick. Scratch a mark on the dipstick at the oil level and add one quart of oil in dipstick canister **ONLY**. Come back next day and check oil level. If oil level is at the scratch mark that is your run level for the unit. After setting run mark come back once a week and add 1 qt. of oil to 4 qt. oiler and 1 qt. to dipstick canister. **NOTE:** If 4 qt. oiler has oil in it after a week stop unit, check valve is bad or needle valve (V1) at tank to 4 qt. oiler is closed. Needle valve at the top of air tank (V3) always stays open. Do not use teflon tape on the plug (1") on top of the 4 qt. oiler, as this will ruin check valves, use pipe dope **ONLY**.

1. Maintenance: Once a week
2. Lubrication: 30 weight non detergent
3. Must follow all rules and regulations of lock out tag out procedures
4. Must turn off needle valve (V1) at air tank that is plumbed to 4 qt. oiler
5. Open the needle valve on top of 4 qt. oiler (V2) to release air pressure on the 4 qt. oiler. **NOTE:** If air continues to flow after opening valve (V2), check valve on the side that goes up to the air tank is bad and needs to be replaced.
6. After all air pressure is out of 4 qt. oiler remove tapered plug (1") from 4 qt. oiler.
7. Fill 4 qt. oiler with 30 weight non detergent oil, replace tapered plug (1") and tighten. **NOTE:** Use pipe dope **ONLY** to reseal plug (1"), do not use teflon tape. After a week one quart of oil is added to 4 qt. oiler and one quart to dipstick canister. **NOTE:** Oiling must be done weekly.

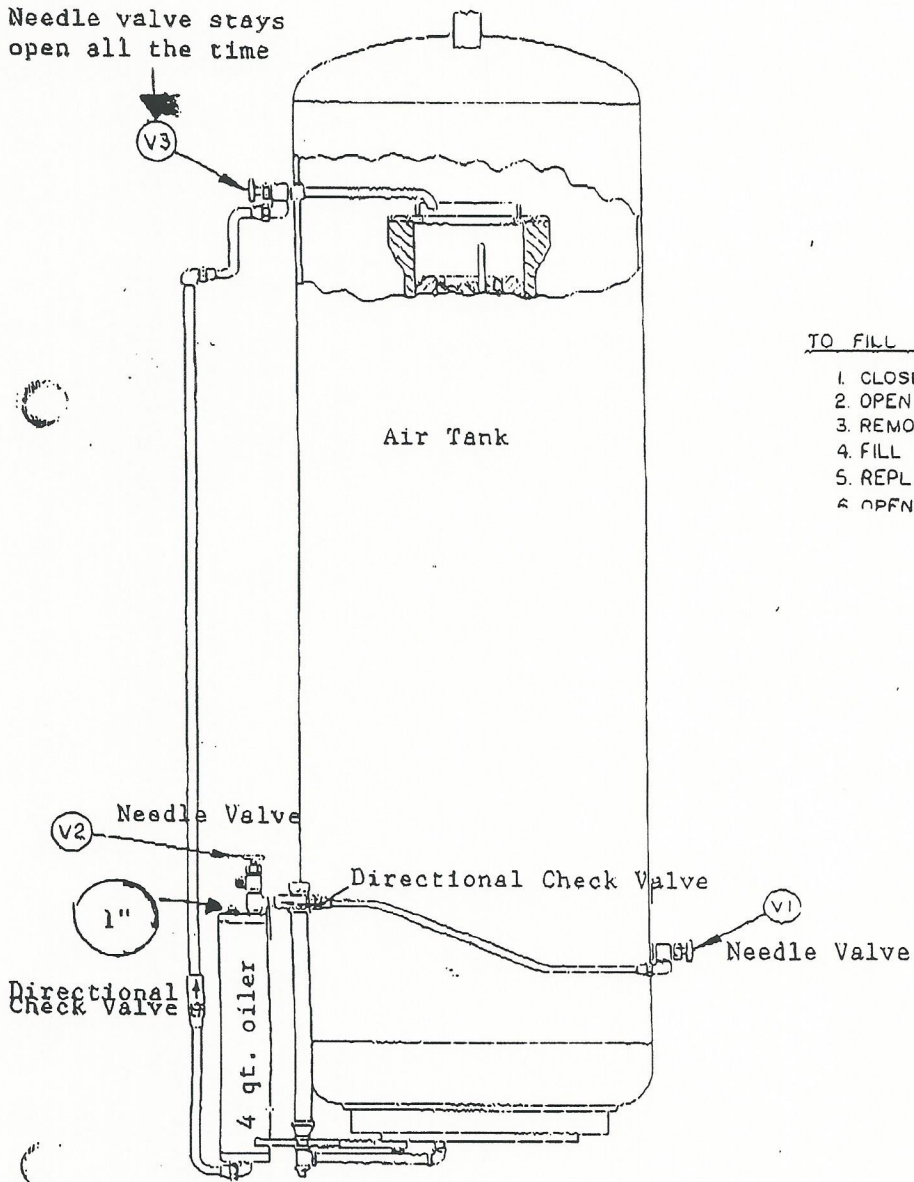
8. Close needle valve at top of 4 qt. oiler (V2) and open needle valve (V1) so air pressure can go back to 4 qt. oiler. NOTE: If oil is in 4 qt. oiler after a week check valve on side of tank that goes up is bad and needs replaced. If oil is still in 4 qt. oiler after replacing check valve that goes to air tank than check valve to 4 qt. oiler is bad and needs to be replaced.

Thank you

A handwritten signature in cursive script that reads "Raul Garza, Jr." with a large, stylized flourish at the end.

Raul Garza, Jr
President Mesa Machine, Inc.

Needle valve stays open all the time



TO FILL OILER

1. CLOSE VALVE (V1)
2. OPEN VALVE (V2) TO BLEED AIR FROM OILER
3. REMOVE 1" OIL FILLER PLUG
4. FILL OILER WITH 4 QUARTS OF OIL
5. REPLACE 1" PLUG - CLOSE VALVE (V2)
6. OPEN VALVE (V1) AND START UNIT

