

J R U

“JRU” LUBRICATOR

**OPERATION AND MAINTENANACE
INSTRUCTION MANUAL**

JRU CONTROL PVT. LTD.

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INSTRUCTION & INSTALLATION, OPERATION & MAINTENANCE MANUAL FOR “JRU” LUBRICATOR

PRELIMINARY STEPS:

1. Unpack carefully
2. Record the serial number for future reference
3. Remove plastic caps used for safe packing
4. Inspect the parts which may have become loose or broken during transit.
5. Read instructions before installing.

INSTALLATION

Install the Lubricator vertically (Adjustment Knob up as in Fig.1). The inlet port is marked by an arrow on top of the body. The Lubricator has to be installed as near as possible to the device to be served. Care to be taken while using sealant for connecting the pipe line as excess of sealant will affect the working of the lubricator. Fill the bowl through oil feed screw with a good quality lubricant to the level indicated by maximum fill line (an arrow mark). Do not overfill. Do not clean the bowl using solvents. Always depressurize before opening the oil feed screw.

Having installed the lubricator, close the range adjustment knob fully by rotating the knob clockwise then pressurizes the system. When there is constant rate of air flow through the lubricator, adjust the knob anti clockwise to get the desired drip rate. The recommended drip rate is given in the chart. Push range adjustment lock downward to lock the drip rate setting to release pull the same upward. Monitor the device being lubricated for a few days following initial adjustment. Readjust the drip rate if the oil delivery at the device appears either excessive or low. No readjustment is needed if the flow is not constant, as the

drip rate will automatically increase / decrease accordingly as the flow increase or decrease.

PRINCIPLE OF OPERATION

The high velocity of air passing through the oil sucking bush (22) sucks the oil from the bowl through the oil tube (16) into the knob housing (4) where it drips through the oil drop indicator (8) to the oil sucking bush (22). There the oil is atomized and mixed with the air, flowing through the oil sucking bush. Most of the oil particles which are large are returned to the bowl. Only the micro fog particles which are airborne are carried out of the Lubricator through fog releaser (14) to the system which is to be lubricated.

MAINTENANCE

JRU Lubricators are trouble free instruments. However, after long period of service, servicing will be required.

For servicing proceed as follows:

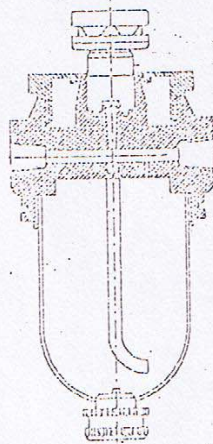
1. Remove the knob housing (4)
2. Remove the oil filter (7) and replace with a new one.
3. Remove the oil drop indicator (8) and clean it thoroughly.
4. Remove the bowl (20)
5. Do not remove the oil sucking bush
6. Clean all the parts and the body
7. Assemble back the parts and check the instrument performance.

NOTE: SINCE, CONSTANT WORLDWIDE ADVANCEMENT IN TECHNOLOGY WE KEEP OUR RIGHTS RESERVED TO MAKE CHANGES TIME TO TIME IN TECHNICAL SPECIFICATION, UPGRADATION /DELETION OF PRODUCTS AND DIMENSIONS WITHOUT ANY PRIOR NOTICE. JRU CONTTROL HAVE FULL RIGHTS TO THIS DOCUMENT AND SHALL NOT BE COPIED IN FULL OR PART WITHOUT ITS PRIOR INFORMATION.

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1. RIVETING PIN
2. ADJUSTING KNOB
3. LOCKING RING
4. KNOB HOUSING
5. ADJUSTING SCREW
6. ADJUSTING SCREW O' RING
7. FILTER
8. OIL DROP INDICATOR
9. OIL SPLITTER
10. DOUBLE O' RING
11. TOP COVER
12. TOP O' RING
13. MIDDLE O' RING
- 13A. BODY
14. FOG RELEASER
15. SPOOLER
16. NYLON TUBE
17. BOWL O' RING
18. DRAIN SCREW
19. DRAIN O' RING
20. BOWL
21. DRAIN NUT

