

Airmatic

MINI LUBRICATORS

MODEL : ML 10 Polycarbonate Bowl
ML 11 Metal Bowl

TEMPERATURE AND PRESSURE RATING

SIZES	MODEL	BOWL	MAX. PRESSURE	MAX. TEMP
G1/8 / G1/4	ML 10	Poly.	12 Kg/cm ²	50° C
	ML 11	Metal	18 Kg/cm ²	70° C

WARNING : Never use these polycarbonate plastic bowls on air supplied by a compressor lubricated with synthetic oils or oils containing phosphate esters or chlorinated hydrocarbons. They can carry over into the air distribution system and chemically attack and possibly rupture the bowls. On these applications use a metal bowl. Also do not expose these polycarbonate plastic bowl to materials such as carbon tetrachloride, trichloroethylene, acetone, paint thinner cleaning fluids, or other harmful materials, for they too will craze and/or rupture the bowl. If materials harmful to polycarbonate are present either outside or inside the bowl, use a metal bowl.

INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS

INSTALLATION

Before installing, blow-out pipe line to remove scale and other foreign matter. This unit has DRYSEAL pipe threads; use pipe compound or tape sparingly to male threads only. Install item in pipe line so that air will flow in direction of arrow stamped on body, install as near as possible to equipment serviced. Lubricators must be installed with bowl in a vertical position. To assure trouble free performance a filter should be installed up stream of the lubricator.

FILLING AND ADJUSTMENT

To fill, shut off air supply, remove either of the two fill plugs and fill with oil to within 1/4" of the top of the bowl. For most conditions, the use of a high quality S.A.E. # 10 (S.U.V. 150-200 SEC. 38° C.) is recommended. Other oils, as specified by the maker of the equipment to be lubricated, may be used, if not heavier than S.A.E. # 30. Start equipment and operate few minutes to permit system to fill. Check lubrication of the equipment by holding the thumbnail or a mirror near the exhaust port. A slight film of oil should be deposited with each exhaust cycle. A heavy film indicates over-lubrication and the drops per minute should be reduced by turning adjusting screw clockwise. Clockwise rotation of

adjusting screw decreases lubrication; counter-clockwise rotation increases lubrication. Do not turn adjusting screw more than 1.1/2 turns counter-clockwise from the closed position.

MAINTENANCE-CLEANING

NOTE : To clean, it is not necessary to remove lubricator from line. Refer to drawing guide in reassembly.

If air and oil are kept clean and the oil level never allowed below end of dip tube, the lubricator should provide long periods of unattended service. If the oil drip rate diminishes or requires continual re-adjustment, it is an indication that the filter inside of the filter holder located at the bottom of the dip tube is dirty or has become clogged. With the air line pressure shut off. Remove the bowl, and using a pair of tweezers or similar instrument, remove the dirty filter mesh. Apply compressed air to the lower end of the dip tube to make sure that the oil delivery system is free and clear of impediment. Insert a clean new filter mesh, wash any parts requiring cleaning with denatured alcohol and re-assemble unit. **CAUTION : LUBRICATOR BOWL AND SIGHT GLASS SHOULD BE CLEANED WITH HOUSEHOLD SOAP WATER ONLY.**

SEE OTHER SIDE FOR REPLACEMENT PARTS LIST.

AIR PROCESSING PRODUCTS

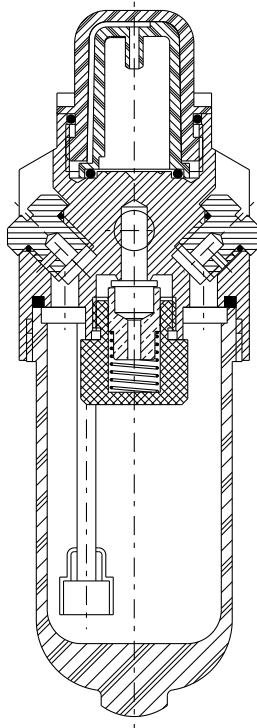
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MINI LUBRICATORS (OMI)

**MODEL - ML 10 / ML 11
REPLACEMENT PARTS
ORDER BY SIZE AND KIT NUMBER**



CONSISTS OF PART NAME	KIT NAME	KIT No.
Upper & Lower Sight Glass `O' Ring + Needle `O' Ring + Fill Plug `O' Rings + Bypass Seat + Bowl `O' Ring	Service Kit	ML-O
Sight Glass Upper / Lower `O' Ring Upper / Lower	Sight Glass Kit	MDL-O
Plastic Bowl w/o D/C	Bowl Replacement Kit	MFLC-O1W