



## PARTS LIST FOR NO. 1661 MODULAR AIR LUBRICATOR

### WARNING

#### DO NOT PLACE PLASTIC BOWL UNIT IN SERVICE WITHOUT METAL BOWL GUARD INSTALLED

Plastic bowl units are sold only with metal bowl guards. To minimize the danger of flying fragments in the event of plastic bowl failure, the metal bowl guards should not be removed. If the unit is in service without the metal bowl guard installed, manufacturer's warranties are void, and the manufacturer assumes no responsibility for any resulting loss. IF UNIT HAS BEEN IN SERVICE AND DOES NOT HAVE A METAL BOWL GUARD, ORDER ONE AND INSTALL BEFORE PLACING BACK IN SERVICE.

For information on materials harmful to plastic bowls, contact a Mobay Chemical or General Electric office for information regarding materials that will attack polycarbonate plastic.

### CAUTION

Certain compressor oils, chemicals, household cleaners, solvents, paints and fumes will attack plastic bowls and can cause bowl failure. Do not use near these materials. When bowl becomes dirty replace bowl or wipe only with clean, dry cloth. Reinstall metal bowl guard or buy and install a metal bowl guard. Immediately replace any crazed, cracked, damaged, or deteriorated plastic bowl with a metal bowl or a new plastic bowl and metal bowl guard.

**EXCEPT** as otherwise specified by the manufacturer, this product is specifically designed for compressed air service, and use with any other fluid (liquid or gas) is a misapplication. For example, use with or injection of certain hazardous liquids or gases in the system (such as alcohol or liquid petroleum gas) could be harmful to the unit or result in a combustible condition of hazardous external leakage. Manufacturer's warranties are void in the event of misapplication, and manufacturer assumes no responsibility for any resulting loss. Before using with fluids other than air, or for non industrial applications, or for life support systems consult manufacturer for written approval.

### INSTALLATION

1. Refer to warning.
2. Install as close as possible to the equipment which is being lubricated.
3. Install the unit with the air flowing through the body in the direction indicated by the arrow.
4. Install a unit with the same pipe size as the line in use.

### OPERATION

1. The maximum pressure and temperature ratings are: transparent plastic bowl, 150 PSIG (10,3) and 125°F (51, 7°C).
2. The lubricator may be filled under pressure by removing the fill plug and pouring the oil into the bowl through the fill port. The bowl may be taken off after the fill plug is removed if a more rapid fill is required. DO NOT replace the fill plug until the bowl and the bowl guard are in position and securely locked in place. NOTE: As the fill plug is removed, the air pressure in the bowl will be relieved.
3. Use clean oil, preferably SAE 10 or lighter. The rate of oil delivery may be controlled by turning the adjusting screw counterclockwise for more and clockwise for less oil delivered. This lubricator delivers all the oil downstream that passes through the sight dome. The oil delivery rate will change automatically to deliver more oil during higher airflows and less oil for airflows lower than the one at which the setting was made.

### MAINTENANCE

1. Given clean operating conditions, this unit will be trouble-free.
2. IF OIL DELIVERY RATE DROPS, the lubricator should be cleaned. Shut off air supply and reduce pressure to zero. Remove Flow-Guide® variable orifice screw and clean it's passage with a small wire. Check orifice screw's bore for contaminants and clean it if necessary. Be sure that the passageway from the sight dome cavity into Flow-Guide® variable orifice post is open. Remove adjusting screw, clean needle and seat in body. Inspect and clean passage from needle seat to siphon tube adapter.
3. Drain off contaminants that collect in bottom of bowl and wipe it clean with a soft cloth.
4. Lubricate O-rings with Dow Corning 200 silicone oil or equivalent before assembly.
5. Do not pressurize the unit until the bowl and bowl guard are in position and locked in place.

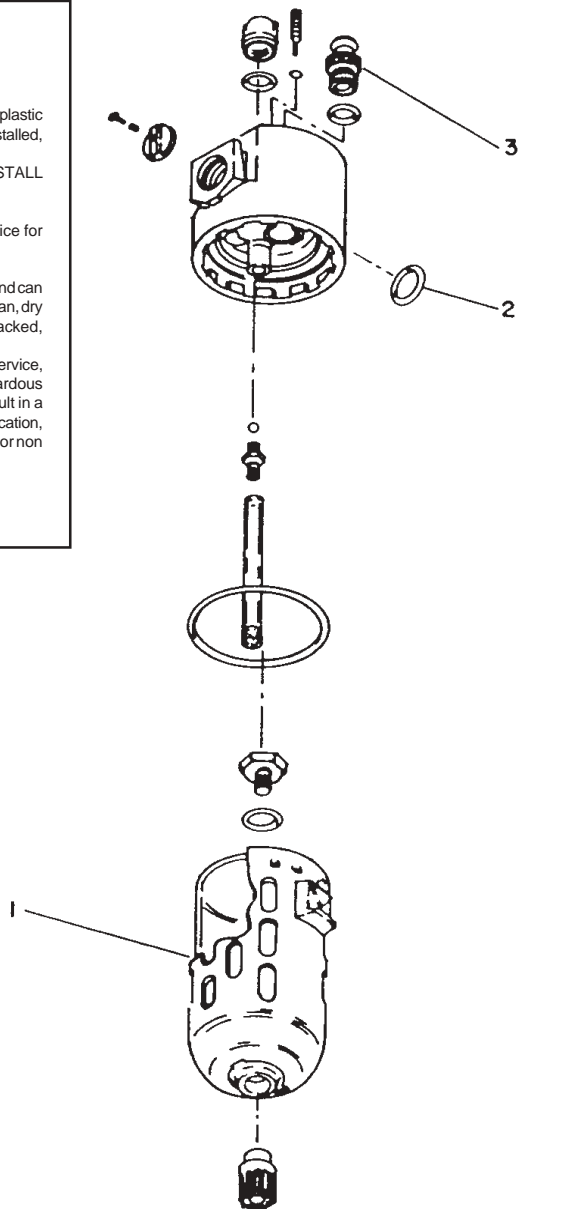


Fig. No.	Part No.	Name
1.	00233	Plastic Bowl—W/Plastic Petcock and Metal Bowl Guard
2.	00235	"O" Ring Set for End Blocks
3.	00232	Adapter—Force Fill
	00236	Set—"O" Ring Repair

**SIOUX<sup>TM</sup>**  
**TOOLS INC.**

Furnish Catalog And Serial Number When Ordering Parts

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