LUBRICATOR INSTRUCTION SHEET

ATD-7847, 7848, 7849, 7850

Bowl	Max. Pressure	Temperature Range
Plastic	150 psi	40°F to 125°F
Metal	250 psi	40°F to 200°F
w/Sight	250 psi	40°F to 160°F

WARNING! For compressed air service only. Do not use on life support systems or breathing air systems. Never use polycarbonate plastic bowls with 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 bowl. On these applications use a metal bowl. Also, do not expose the polycarbonate plastic bowl to materials such as trichlorethylene, acetone or paint thinner. Cleaning fluids or other harmful materials will craze and/or rupture the bowl. If materials harmful to polycarbonate are present either outside or inside the bowl, use a metal bowl. For any additional information regarding chemical compatibility please contact: General Electric Plastics, One Plastic Avenue, Pittsfield, MA..

INSTALLATION: Install lubricator so the air flow is in the direction as indicated on the head of the unit. Lubricator should be installed downstream from the filter or regulator units, and as close as possible to the pneumatic tools or appliance being serviced. Fill the lubricator with SAE 10 oil or lighter. Normal operating maximum for plastic bowls are: 150 PSI and 125°F.

Do not install lubricators with polycarbonate bowls in the presence of materials harmful to polycarbonate. A metal bowl should be used under these conditions. With polycarbonate, the use of a bowl guard is always recommended. Metal bowls are available for pressures up to 250 PSI and temperatures to 200°F.

WARNING! Units are die cast aluminum, do not torque when installing lubricator. Use of Teflon tape is *NOT* recommended.

OPERATION ADJUSTMENTS: Lubricator automatically varies oil mist delivery with air flow variation at any adjustment. The oil flow rate can be observed through the sight dome. The oil flow rate setting depends on the air flow and on the equipment being lubricated. For general purpose applications the recommended lubrication ranges are: 1/4" pipe 1-3 drops/minute; 3/8" pipe 2-6 drops/minute; 1/2" pipe 3-9 drops/minute; 3/4" pipe 5-15 drops/minute. Increased oil mist delivery is obtained by rotating the adjustment knob counterclockwise when in the upward position. Once desired adjustment is reached, push adjusting knob down to lock in current position. To prevent unauthorized adjustment the plastic knob may be removed and replaced at a later date. Fill under pressure is a standard feature with the drop-type lubricator. To release pressure in the bowl, slowly remove the filler plug. Oil is then added to the bowl through the fill port. A long spout/funnel that can be inserted in the opening is recommended for filling the bowl. The bowl should not be removed while the lubricator is under pressure.

Item	Description	Kit Number	Contents
1, 2, 3, 4, 5, 6	Adjustment Dome Kit	AK35	Adjustment Cap, Adjustment Dome Assembly, Internal Sight Dome, O-Rings
7, 8	Fill Plug Kit	FK35	Fill Plug, O-Ring
Not Shown	Sight Kit (Replacement for metal bowl with sight only)	WK45	Indicator Ball, Sight Tube, Tube Retainer, O-Rings
9, 10, 11, 12, 13, 14, 15, 17,	Repair Kit	RKL352	Aspirator/by-pass Housing Assembly, Oil Flow Check Ball, By-Pass Valve, By-Pass Spring, O-Rings, Retaining Ring Tube
16, 18, 19	Bowl Kit	BKL35	Polycarbonate Plastic Bowl Assembly, O-Ring, Bowl Guard
Not Shown		BKL45M	Metal Bowl Assembly, O-Ring
		BKL45W	Metal Bowl w/Sight Assembly, O-Ring