

Port

4....1/2"
6....Special ported
3/4-16 UNF †

Option

0....Closed bottom reservoir
5....Open bottom reservoir with plug or manual drain
7....Special ported 3/4-16 UNF equipped with open bottom reservoir with plug or manual drain †

Reservoir

8....Closed bottom or plugged open bottom
D....Open bottom with manual drain

Thread Form

A....PTF
D....ISO G
S....Special ported 3/4-16 UNF †

† Special ported 3/4-16 UNF model: L22-607- OP x S. Reservoir type indicated in position 9 of model number.

TECHNICAL DATA

Fluid: Compressed air
Maximum pressure: 17 bar (250 psig)
Operating temperature: -34° to +80°C (-30° to +175°F) *
* Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).
Start point (i.e. minimum flow required for lubricator operation) at 6,3 bar (90 psig) inlet pressure:
1,7 dm³/s (3,5 scfm)
Typical flow with 6,3 bar (90 psig) inlet pressure and 0,5 bar (7 psig) pressure drop:
48 dm³/s (102 scfm)
Nominal bowl size: 0,2 litre (7 fluid ounce)
Materials - Metallic parts are NACE (National Association of Corrosion Engineers) approved metals meeting hardness requirements. NACE Recommendation MR-01-1975 (1980 Revision) "Material requirement - sulfite stress cracking resistant metallic material for oil field equipment".
Body and Bowl: Stainless steel
Reservoir sight glass and window in sight feed dome: Pyrex
Elastomers: Nitrile

REPLACEMENT ITEMS

Service kit (items circled on exploded view)L22-100RK
Gasket kit (items 2, 3, 5, 8)L22-GK
Bowl repair kit (items 8, 11, 12, 13)5860-RK
Wall mounting bracket18-001-962

INSTALLATION

- Shut-off air pressure. Install lubricator in air line -
 - vertically (reservoir down),
 - with air flow in direction of arrow on body,
 - downstream of filters and regulators
 - upstream of cycling valves,
 - as close as possible to the device being lubricated. Not more than 5,2m (15 feet) from the device, and at the same height or higher than the device.
- Connect piping to proper ports using pipe thread sealant on male threads only. Do not allow sealant to enter interior of unit.
- Before pressurizing, turn bowl clockwise into body until stop (approximately 5 turns), then unscrew no more than one full turn to position sight glass for best visibility.

RECOMMENDED LUBRICANTS

Use a good quality, light, misting type oil for compressed air tools. See Norgren publication N/AL.8.900.935.

FILL RESERVOIR

Remove fill plug (4), add oil, and reinstall fill plug. Fill plug can be removed and oil added without shutting off air pressure to the lubricator. Oil level must always be visible in lens on metal reservoir. **DO NOT OVERFILL.**

NOTE: Oil fill plug (4) seals easily. Tighten finger-tight only.

ADJUSTMENT

- Turn on system pressure.
- Adjust lubricator drip rate only when there is a constant rate of air flow thru the lubricator. Monitor drip rate thru sight feed dome (1).
- Determine the average rate of flow thru the lubricator. Turn drip rate adjusting screw on top of sight feed dome to obtain one drop per minute for each 5 dm³/s (10 scfm). For example, if the average flow is 19 dm³/s (40 scfm), set the drip rate at 4 drops per minute. Turn adjusting screw counterclockwise to increase and clockwise to decrease the drip rate.
- Monitor the device being lubricated for a few days following initial adjustment. Adjust the drip rate if the oil delivery at the device appears either excessive or low.

DISASSEMBLY

- Shut off inlet pressure. Reduce pressure in inlet and outlet lines to zero. Loosen fill plug (4).
- Disassemble in general accordance with the item numbers on exploded view. Do not remove the manual drain unless replacement is necessary. Remove and replace drain assembly only if drain malfunctions. Do not remove siphon tube (21). Remove and replace items 22, 23, 24 only if lubricator malfunctions.

CLEANING

- Clean parts using warm water and soap.
- Dry parts. Blow out internal passages in body with clean, dry compressed air.
- Inspect parts. Replace parts found to be damaged.

ASSEMBLY

- Lubricate seals and o-rings with o-ring grease. Apply a small amount of anti-seize lubricant to full length of threads on reservoir (9) and sight feed dome (1).
- Assemble lubricator as shown on the exploded view.
- Torque Table

Item	Nm	(Inch-Pounds)
1 (sight feed dome)	3,4 to 4	(30 to 35)
10 (retainer)	0,8 to 1,1	(7 to 10)
15 (nut)	2,3 to 2,8	(20 to 25)

CAUTION

Do not over torque retainer (10) as damage to gauge glass (13) will occur.

- Turn reservoir clockwise into body until stop (approximately 5 turns), then unscrew no more than one full turn to position sight glass for best visibility. Do not attempt to turn reservoir when lubricator is pressurized.

WARNING

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **Technical Data**.

Do not substitute any other reservoir for the stainless steel reservoir furnished with these products.

In lubrication applications some oil mist may escape from the point of use to the surrounding atmosphere. Users are referred to safety and health standards for limiting oil mist contamination and utilization of protecting equipment

Before using these products with fluids other than air, for nonindustrial applications, or for life-support systems consult Norgren.

