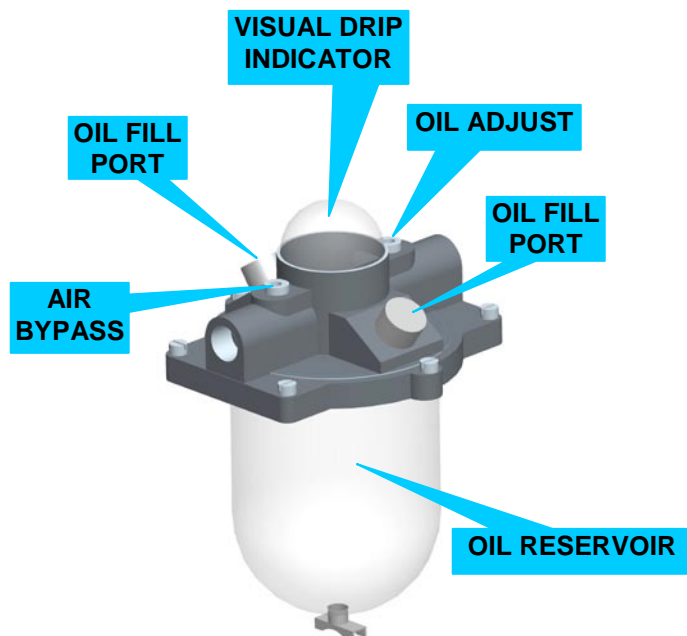


### 1.1.1.1 Autolube Lubrication System

The Automatic Lubrication System is an optional lube system that distributes atomized lubricant from a central distribution plenum to the bearings on the track-ways as well as to the ball followers on the lead screws. Some bearings such as the router motor bearings, piggyback slide bearings and the lead-screw end-bearings still require lubricating, but only infrequently.

**IMPORTANT!** The table below should be used as a **GENERAL GUIDE** for the individual settings of the Autolube system. Depending on which materials are being machined, (plastic, wood, metal, etc.) different settings may be required.

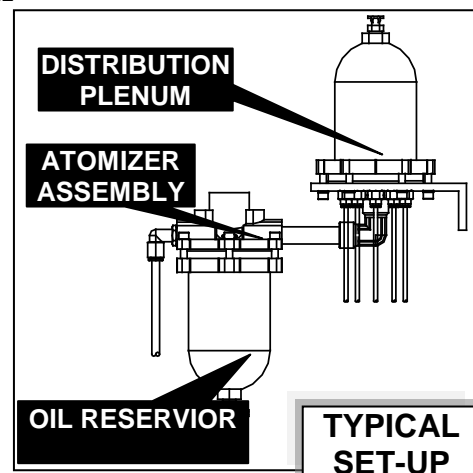
Routine Maintenance for the Autolube System	
Air Regulator	set at 7-8 psi
Lubricator - Micro Fog unit	set at 10-15 drops per minute
Manifold and Distribution Lines	inspect for damage every 80 hours



setscrews are located off the sides of the sight glass inline with the pneumatic fittings, one labeled "Air" and other labeled "Oil". These setscrews should be slowly adjusted until the desired results are visible in the sight glass.

The air regulator itself should never be adjusted, since the air volume is what actually prevents contaminants from entering the bearing. In addition to the drive system, the

To fill the reservoir, first place the machine in **E-STOP** to relieve the air pressure from the Autolube system. Remove both filler caps from the top of the canister and slowly fill it to the "max level line" with **SAE 5W spindle oil** (using a small funnel or squeeze bottle). The system may also be adjusted for volume of air and oil by using a  $\frac{3}{32}$ " hex-head wrench. Two



various tooling and heads will require periodic lubrication. See the lubrication section for each type of head installed.