## Dixon High Capacity Air-Line Lubricator

- The Dixon "SLL1" Air-Line Lubricator was developed with a 1.2 litre oil capacity (40.5 us oz), to ensure continuous and adequate lubrication of rock drills and other air tools over the length of a normal shift.
- It was found workers would only fill lubricators at the start of the shift and this caused untold damage to tools, and delays in the construction & mining operations.
- Other Air-Line Lubricators may require refilling more than once during a shift.
- Why 1.2 Litres? This is the calculated oil usage for one shift. (when set correctly)
- 1" female NPT ports allow the use of various types of connections.
- Adjustable oil jet is able to be adjusted under pressure. Clockwise to decrease flow, anti-clockwise to increase the flow.
- The 1¼" filler plug has a built in pressure release behind the sealing o-ring to allow pressure to escape in a controlled manner in the case of unintentional opening while under pressure.
- For correct lubrication the lubricator should not be placed in excess of 10 feet (3 metres) from the machine ensuring that the oil reaches the machine in mist form.
- The design of the lubricator ensures that it will work in any orientation.

## **Operating Instructions**

- 1. Connect the oil lubricator into the air line with the arrow facing in the direction of air flow.
- 2. Fill with oil through the 1¼" filler plug on top of the lubricator.
- 3. Energize the air line to pressurize the lubricator forcing oil into the discharge tube and subsequently into the air stream.
  Note: When setting an oil lubricator it must be done with the same viscosity oil, at the same pressure and temperature as that when in use
- 4. Adjust lubrication by first screwing jet clockwise to close off completely and then adjust anti-clockwise to produce a mist. When correctly adjusted, the spray of oil exhausting from bottle should cover area of 10" - 12" (250mm - 300mm) in diameter when held 18" (450mm) away from subject.

