

BACKFILL TAMPERS

TOOL MAINTENANCE & REPAIR INFORMATION

FIELD OPERATION

Before:

- 1 Check the tamping butt lock screw, it must be tightened securely.
- 2 Check to see that the piston has sufficient drag. Adjust packing nut accordingly.
- 3 Fill the oil reservoir in cylinder head with Air Tool oil or 10W grade equivalent.
- 4 Tighten extension pipe to cylinder head.
- 5 Tighten cylinder head securely to cylinder. Lock in place with locking device.
- 6 Clean any water and/or dirt from air hose before connecting it to the tool.

During:

1. For your safety and that of others, keep tool against work at all times!
2. When moving from one work area to another, shut off tool.
3. Use tool in conjunction with in-line oiler when possible. Otherwise, refill with Air Tool oil or 10W grade equivalent approximately every two hours.
4. Avoid using the tool in a horizontal position.

After:

1. Flush tool with cleaning solvent, then refill with Air Tool oil or 10W grade equivalent.
2. Do not leave tool in water or in dirt.
3. Check to see that extension pipe, cylinder head and cylinder are tight.
4. Re-tighten tamping butt lock screw.
5. Store the tool well-oiled.

TROUBLE SHOOTING GUIDE

If tool runs erratically:

1. Check to see that extension pipe and cylinder head are tight, and that they are held tightly and securely on cylinder.
2. Check to see that packing nut is neither too loose nor too tight to ensure proper seal between piston and packing nut.
3. Flush tool with cleaning solvent, then refill with Air Tool oil or 10W grade equivalent.
4. If tool is still running erratically, tool should be disassembled and checked for rust and/or dirt.

If the tool butt becomes loose:

- 1 Check to see that the piston is not damaged on the tapered end.
- 2 Re-ream the tamper butt if possible.
- 3 Heat tamping butt in boiling water, then press tamping butt and taper portion of piston together.
- 4 Replace tamping butt lock screw with a new one.

If you cannot shut the tool off:

1. Immediately turn off air source, then disconnect air supply.
2. Remove the throttle and the valve plug and replace the "o" ring or rubber gasket on the valve.

**REMEMBER: PREVENTIVE MAINTENANCE
WILL ASSURE MAXIMUM
PERFORMANCE FROM ALL
OF YOUR APT TOOLS.**

APT

MODEL 131 BACKFILL TAMPER



The Model 131 Backfill Tamper is used for soil compaction, temporary filling of holes, asphalt packing, etc. Applications range from foundation and pavement repair to the installation of power or telephone poles. APT offers an optional half-moon shaped pole tamping accessory for compaction around a pole as well as a 3" diameter butt for confined space compaction.

SPECIFICATIONS

Part Number	Bore	Stroke	BPM	CFM @ 90 PSI inlet pressure	Weight lbs.	Length inches	Air Inlet NPT
5214	1.5	5-1/2	670	38-42	37	51-7/8	1/2 female

FEATURES

- Built-in large automatic oiler
- Flapper valve design allows dirt to pass without stopping the tool
- Internally reinforced 5-3/4" malleable iron butt (standard)
- Pole (half-moon), and 3" diameter butts available

APT

AMERICAN PNEUMATIC TOOL

APT MODEL 131 BACKFILL TAMPER PART NO. 5214

