

INSTALLATION INSTRUCTIONS
FOR
STUFFING BOX LEAK DETECTOR
APT INC.

APT offers the leak detector complete, or without the stuffing box adapter, for utilization where a suitable $\frac{3}{4}$ " NPT opening is available, such as found on some lubricating oil reservoirs. Before beginning installation please examine the contents of the box and compare them to the enclosed parts list and schematic. This should help ensure that all materials necessary for a proper installation are available before shutting the pumping unit down.

ADAPTER INSTALLATION

1. Check the clearance between top of stuffing box and bottom of polish rod liner clamp. Stop the pumping unit near the bottom of the stroke. Adjust polish rod liner to provide a minimum of 4 inches of clearance.
2. Remove top cover and upper rubber wiping cone from the stuffing box. The two blots will not be reused.
3. Use the string (#20) provided to suspend the stuffing box cover out of the way. Wipe the upper gland housing out in preparation for installing the stuffing box adapter. Place the lower adapter seals (#15) in the stuffing box, placing the cuts on opposite sides. If grease is used as the lubricant, place the crown ring (#14)(grease wiping rubber) around the polish rod liner.
4. Remove the four allen head screws to separate the halves of the adapter (#9). Place the adapter around the polish rod and start the allen head screws. Check to be certain both adapter side seals (#11) are positioned properly and then lightly tighten the allen head screws. Set the adapter down in the top of the upper gland of stuffing box.
5. Install the new heal packing cone (#10) from the kit in the top of the adapter. Position the adapter for the desired location of the reservoir assembly. Release the stuffing box cover and secure with the new $\frac{3}{8}$ " bolts (#16), lock washers and square nuts (#17).

RESERVIOR HOLDER INSTALLATION

1. Install the reservoir holder on the adapter by joining the $\frac{3}{4}$ " union. Tighten the assembly, leaving the float assembly pointing down. Install the clear reservoir in the holder and hand tighten.
2. Start pumping unit inspect unit carefully to ensure there are no clearance problems or fluid leaks.
3. For stuffing boxes using oil as the lubricant fill the adapter with oil through the $\frac{3}{8}$ " street elbow and install plug. CAUTION: Do not overfill with oil. To use grease, pump grease into the grease fitting on the stuffing box until the adapter is full. If a automatic grease injector is used, remove grease fitting and attach unit.