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**Hand Tools**

**Lab #1 – Clean and Lubricate Pliers**

**Equipment and Materials**

* Pliers
* Solvent
* Oil
* Solvent tray or equivalent

**Procedure:**

1. Lay pliers in tray
2. Pour solvent into tray until pliers are submersed

**Note:** If pliers have cushion grips, immerse only the head.

1. Open and close pliers several times while submersed
2. Let pliers set for three to four minutes in the solvent
3. Remove from solvent
4. Open and close rapidly until pliers work freely

**Note:** If pliers do not work freely, repeat Steps 1 through 6.

1. Wipe residue from pliers joint with a cloth or paper towel
2. Apply two or three drops of oil to joints of the pliers
3. Work the pliers until the oil has penetrated the joint
4. Wipe excess oil from pliers