

## ***IMPORTANT POINTS***

**Hydraulic pumps create flow, not pressure.**

**Pressure is the result of resistance to flow.**

**Adjusting a pressure relief valve will not make a pump produce more flow.**

**Pumps can be sized by cubic inch displacement (c.i.d.) or by their output flow at a given RPM (rating speed).**

**Different manufacturers may use different rating speeds. Make sure you are comparing apples to apples.**

**Oil follows the path of least resistance.**

**Inlet vacuum should not exceed 5 in. hg.**

**Never cheat on the inlet hose size.**

**A new pump is approximately 95 % efficient.**

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**Dump pumps should not be used in walking floor trailer applications.**

**Direct mount dump pumps must be supported.**

**Dry valve type pumps ( Power Miser) must have a functioning bleed valve (FFC-3-2) installed at the reservoir.**

**Usually an oil reservoir's capacity should be 2X the system flow.**

**Never thin hydraulic oil with kerosene, diesel fuel, etc.**