

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.

IMPORTANT POINTS

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.