

Fluid Power Test Review

Name _____ Hour _____ Grade _____

One of the advantages of using a hydraulic system is that the pipe connecting the two cylinders can be any _____ or _____.

Hydraulic tools are used for applications where high power is required. What type of applications are pneumatic systems usually used in. _____

_____ systems use a liquid usually oil, to transmit forces.

A hydraulic system uses a _____ to move fluid to the cylinder.

A gas, usually compressed air, is used to transmit forces in a _____ system.

Where can you look on your car to see a good example of a piston driven hydraulic system? _____

A fluid is a substance that has _____

It is important for a hydraulic system to not contain _____

A hydraulic system allows you to add a _____ advantage to the system.

PSI stands for _____

The difference between liquid and gas fluids is that liquids are _____ and gasses are _____.

The basic idea behind any hydraulic system is very simple; force that is applied at one point is transmitted to another point using a _____ fluid.

A pneumatic system uses a _____ to move fluid .

A single acting cylinder closes using a _____

A double acting cylinder closes by pumping fluid into _____