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FLUID MACHINERY FLUID MACHINERY CLASSIFICATION OF FLUID MACHINERY DRIVEN MACHINES Energy is added to the fluid TURBOMACHINES Transfer of energy between the fluid and the machine by means of flow forces POSITIVE DISPLACEMENT MACHINES Transfer of energy between the fluid and the machine by means of a variable volume, generated by a displacement device Hydraulic • centrifugal pump

#### What are some examples of machines that use hydraulics ...

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A stream of fluid entering in a machine such as a hydraulic or steam turbine, a pump or fan has more or less a defined direction. A force is always required to act upon the fluid to change its velocity either in direction or in magnitude. Newton's Third law of motion states that to every action there is an equal and opposite reaction.

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Hydraulic machines use liquid fluid power to perform work. Heavy construction vehicles are a

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