

Basic Technology JS 2 Lesson Note

Week 4

Topic: Hydraulic Machine.

Hydraulic : It is the flowing of liquid or fluid through pipes in machineries for doing work.

Hydraulics: These are the machines working on the principles of hydraulic e. g lorry mounted crane.

Force To Create pressure in hydraulic system

- * Human body e. g car brakes, jack

- * A pump

Hydraulic system Components

- * Reservoir

- * pump

- * Valves

- * Actuators

Hydraulic system found in every day like

- * Cars

- * Car ramps

- * Dishwashers

- * Gasoline Pumps

- * Construction machines

- * Airplane * Barber chair

- * Office chair