

Energy Efficient Alternate Hydraulic System Called TejHydroLift

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Abstract : This paper describes a new more efficient Hydraulic System which uses lesser work to produce more output. Conventional Hydraulic System like Hydraulic Lifts and Rams use lots of water to be pumped to produce output. TejHydroLift will do the equal amount of force with lesser input of water. The paper will show that force applied can be increased manifold without requiring to move smaller force by more distance which used to be required in Conventional Hydraulic Lifts. The paper describes one of the configurations of TejHydroLift System called "Slim Antenna TejHydroLift Configuration". The TejHydroLift uses lesser water and hence demands lesser work to be performed to move the same load.

Keywords : alternate, hydraulic system, efficient, TejHydroLift

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