

Effect Of A mixture Of fuel HHO With Gasoline To The Maximum Power Of Motorcycle 4 Stroke

Mazda Dirgantara

*Renewable Energy Engineering Program Study
Engineering Department*

ABSTRACT

Fuel has an important role on the vehicle with a piston engine that converts chemical energy into mechanical energy, fuels based on its quality depends on the flash point and the value of octane in the fuel, which can increase the torque and power, many things can be done to increase the torque and the vehicle power, such as adding CC vehicle and other factors such as the ignition. Based on research conducted at the HHO gas mixture of dry cell type or dry type with the type pertamax gasoline and premium were applied to the motorcycle 4 stoke gain power increase of 6.54% on the testing of premium gasoline fuel type, the HHO gas mixture with premium fuel with gasoline type pertamak greater power increase as much as 6.88%. Another advantage to the use of HHO gas mixtures with gasoline also experiencing fuel savings of 29.2% in 2000. The addition of HHO gas RPM on a mixture of gasoline raises many advantages such as increase in maximum power and fuel economy.

Keywords : *HHO, Dry Cell, Power, Increase, Mixture*