

**Performance Testing And Exhaust Emissions Of The Kijang Innova Luxury
2KD Car Using Dexlite Fuel With A Mixture Of Fish Waste Canning Oil**

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ABSTRACT

With the development of the results of new automotive technology, it is expected to also pay attention to the results of previous automotive technologies. So, it is hoped that we will continue to maintain the results of the previous automotive technology. This study aims to model the relationship between vehicle exhaust emissions and transportation activities, determine the factors that affect emissions, calculate the amount of emissions, engines with fast rotation (>1000 rpm) require fuel with certain characteristics that are different from oil. Diesel. Biodiesel is a fuel for diesel engines consisting of monoalkyl ester chemical compounds derived from fatty acids. That the difference in exhaust gas emissions is very significant, B60 exhaust emissions are smaller than B40, B20 and B0 emissions, especially for B40 biodiesel CO emissions, this is due to complete combustion of B40 biodiesel so that it does not produce carbon monoxide gas. degradation process and affect the results of engine performance as indicated by a decrease in torque obtained. Power increases as the engine speed increases. but the addition of biodiesel has a quality-degrading effect on the quality of biodiesel. Refers to the standard engine specifications that are capable of producing 4.94 hp at 3000 rpm.

Keywords: *Automotive, Emissions, Biodiesel, HP, Rpm, Torque, Degradation*