

**PENGARUH PENAMBAHAN *CETANE BOOSTER* TERHADAP
KARAKTERISTIK BIODIESEL BERBAHAN BAKU MINYAK
JELANTAH**

*(The Effect of Increasing Cetane Booster Concern to Biodiesel Characteristic
with Waste Cooking Oil as a raw material)*

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ABSTRACT

The research that has been done about biodiesel still needs to do some repair in process of producing or choosing the raw material. The aim is to produce biodiesel which fulfill SNI Standard of biodiesel. In this research uses cetane booster to know its effect concern to the biodiesel characteristic. And also use addition variation 0,5 ml, and 1 ml cetane booster, aims to know the additional variation concern to the biodiesel characteristic. Based on the results of the research shows the additional of 0,5 ml, and 1 ml cetane booster effected to the standard parameter of biodiesel SNI. Based on the trial, some of parameters fulfilled the SNI standard of biodiesel, those are density number with sample code NaOH CB-0,5, and NaOH CB-1, acid number with sample code NaOH CB-0,5, viscosity with sample code NaOH CB-0,5, dan NaOH CB-1.

Keywords : Biodiesel, Cetane Booster