Analisis Pengaruh Campuran Bahan Bakar Plastik *Polypropylene* Dengan Zat Aditif *Carbon cleaner* Terhadap Viskositas Bahan Bakar

(Analysis of the Effect of Polypropylene Plastic Fuel Mixtures with Carbon cleaner Additives on Fuel Viscosity).

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ABSTRACT

This research was conducted to determine the viscosity of polyprolypene plastic fuel mixed with carbon cleaner. The research method used is the experimental method using tables and graphs to process data. Polypropylene plastic fuel will be mixed with carbon cleaner with a mixture of 1 ml, 1.5 ml and 3 ml carbon cleaner into 100 ml of polypropylene plastic fuel. Viscosity testing is carried out at a temperature of 40℃. The results of the viscosity test obtained the lowest viscosity value, namely PPCC 0, which was 0.6254 cSt, while the highest viscosity value was obtained in the PPCC 3 mixture, which was 0.6729 cSt. From this research, it was found that the trendline was increasing because the more carbon cleaner that was added, the higher the viscosity value.

***Keywords**: Viscosity, Fuel, Polypropylene, Carbon cleaner*