

A Study Diesel Engine - A Review Paper

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Abstract: *This study offers comprehensive details on the use of bio-fuel as a viable and alternative source of energy. The present study indicates the factors which need to be prioritized for appropriate combustion and the fuel characteristics on which the engine's efficiency depends. A fuel-testing laboratory determined the properties of the pure mustard oil fuel and its blends, i.e., density, viscosity, dynamic viscosity, carbon residue, flash point, fire point and calorific value. The application of diesel engine has been rising dramatically since it's invention and the usages have speared in the field of transportation, agriculture, constructions and what not..The bio-fuel was prepared from vegetable oil, i.e., mustard oil and tested in a diesel engine in both pure form and as a diesel blend Finally, an analysis and comparison was made of the effects of the various fuels on the different engine properties..*

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