Accepted Manuscript

Emission characteristics of biodiesel obtained from Jatropha seeds and fish wastes in a diesel engine

Bhaskar Kathirvelu, Sendilvelan Subramanian, Nagarajan Govindan, Sampath Santhanam

PII: S2468-2039(16)30267-9

DOI: 10.1016/j.serj.2017.06.004

Reference: SERJ 93

To appear in: Sustainable Environment Research

Received Date: 3 December 2016

Revised Date: 11 April 2017

Accepted Date: 28 June 2017

Please cite this article as: Kathirvelu B, Subramanian S, Govindan N, Santhanam S, Emission characteristics of biodiesel obtained from Jatropha seeds and fish wastes in a diesel engine, *Sustainable Environment Research* (2017), doi: 10.1016/j.serj.2017.06.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Received 4 December 2016

Received in revised form 11 April 2017

Accepted 28 June 2017

Emission characteristics of biodiesel obtained from Jatropha seeds

and fish wastes in a diesel engine

Bhaskar Kathirvelu^a, Sendilvelan Subramanian^{b,*}, Nagarajan Govindan^c, Sampath

Santhanam^a

^aDepartment of Automobile Engineering, Rajalakshmi Engineering College, Chennai 602105,

India

^bDepartment of Mechanical Engineering, Dr. M.G.R Educational and Research Institute,

Chennai 600095, India

^cDepartment of Mechanical Engineering, Anna University, Chennai 600025, India

Keywords: Biodiesel, Jatropha oil methyl ester, Fish oil methyl ester, Emission analysis,

Optimum blend

* Corresponding author.

E-mail address: sendilvelan.mech@drmgrdu.ac.in

Download English Version:

https://daneshyari.com/en/article/8862948

Download Persian Version:

https://daneshyari.com/article/8862948

Daneshyari.com