



Willyanto . <willy@petra.ac.id>

[AE] Submission Acknowledgement

2 messages

Muji Setiyo <autoexp@ummgl.ac.id>
To: Willyanto Anggono <willy@petra.ac.id>

Sun, Jun 6, 2021 at 9:55 AM

Willyanto Anggono:

Thank you for submitting the manuscript, "Engine Performances of Lean Iso-Octane Mixtures in a Glow Plug Heated Sub-Chamber SI Engine" to Automotive Experiences. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Submission URL: <https://journal.unimma.ac.id/index.php/AutomotiveExperiences/authorDashboard/submission/5118>
Username: willy

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Muji Setiyo

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[Automotive Experiences](#)

Willyanto . <willy@petra.ac.id>
To: Gabriel Jeremy Gotama <m24413007@alumni.petra.ac.id>

Sun, Jun 6, 2021 at 12:30 PM

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PETRA

Willyanto . <willy@petra.ac.id>

[AE] Editor Decision

3 messages

Muji Setiyo <setiyo.muji@ummgl.ac.id>

Fri, Jul 9, 2021 at 9:50 PM

To: Willyanto Anggono <willy@petra.ac.id>, Soen Peter Stanley <m24416075@john.petra.ac.id>, Ferdinand Ronaldo <m24416028@john.petra.ac.id>, "Gabriel J. Gotama" <m24413007@john.petra.ac.id>, Bin Guo <kaku-gbin@eagle.sophia.ac.jp>, Emir Yilmaz <emiryilmaz@eagle.sophia.ac.jp>, Mitsuhsa Ichianagi <ichianagi@sophia.ac.jp>, Takashi Suzuki <suzu-tak@sophia.ac.jp>

Dear Willyanto Anggono, Soen Peter Stanley, Ferdinand Ronaldo, Gabriel J. Gotama, Bin Guo, Emir Yilmaz, Mitsuhsa Ichianagi, Takashi Suzuki:

We have reached a decision regarding your submission to Automotive Experiences, "Engine Performances of Lean Iso-Octane Mixtures in a Glow Plug Heated Sub-Chamber SI Engine".

Our decision is: **Revisions Required**

Please revise your manuscript carefully, the revision process requires two major documents:

- The first is the revised manuscript highlighting all the modifications made following the recommendations received from the reviewers (example of [revised manuscript](#)).
- The second is a letter listing the authors' responses illustrating they have addressed all the concerns of the reviewers and editors (example of [response letter](#)).

These two documents should be drafted carefully. The authors of the manuscript can agree or disagree with the comments of the reviewers and are not always obliged to implement their recommendations, but they should in all cases provide a well-argued justification for their course of action.

You are expected to return the revised paper no later than **2 weeks** from your receiving this notification.

Muji Setiyo
Universitas Muhammadiyah Magelang
setiyo.muji@ummgl.ac.id

Reviewer B:
Recommendation: Revisions Required

Relevance: conformity with the aims and scope of this journal

5

Novelty: paper gives new ideas, derivations, applications that has been not studied before or little- or not in depth-studied

3

Literature review: identify research gaps with the most recent primary references (last 10 years).

3

Methods: appropriateness of methods, the accuracy of assumptions and/or estimates used, description of equipment and limitations, experimental steps, etc.

3

Results and discussion: quality of results, depth, and logic of discussion.

3

Conclusion: Insight conveyed and recommendations that might be used by others for future work.

4

English (or Bahasa Indonesia): used effectively to communicate the ideas and easy to understand with least or no grammatical errors or typos.

4

Comments for Author (Please provide comments and suggestions)

After reviewing the article entitled "Engine Performances of Lean Iso-Octane Mixtures in a Glow Plug Heated Sub-Chamber SI Engine", that this research is quite interesting and contributes to the development of science. However, improvements need to be made in this paper to be published. Some comments that need to be corrected are as follows:

1. Abstract

- The background of the research problem should be explained in this section.

2. Introduction

- The background of the problem from the research has not been clearly defined!
- Need to explain the novelty of this research and what is the urgency of this research so that it should be done?

3. Method

- Experimental schematic drawings need to be displayed!
- Need to show the standard injection time from the machine specification table!
- How can you say the intake manifold pressure can be kept constant while the engine speed changes, please explain in detail?
- How can the ECU regulate the excess air ratio so that its value can be varied, this needs more detailed explanation?
- "In this study, 7% was set as the threshold for an acceptable COV of the BMEP. Beyond 7%, the combustion can be considered as unstable". Need to explain the reference for taking these numbers or other sources?
- The characteristics of the fuel need to be displayed!

4. Results and discussion

- What is the theoretical relationship between Torque, BMEP, Thermal efficiency, COVBMEP with variations in glow plug voltage! A basic theory is needed to explain this parameter relationship.
- An advance at ignition timing causes a decrease in torque, thermal efficiency, BMEP. Relevant research is needed to support this statement and become the basic theory of this research.
- Need to add standard test so that it can be seen more clearly the increase in the value of torque, thermal efficiency, and BMEP with variations in glow plug voltage, ignition timing, and excess air from standard engine conditions.
- Quantitative values of the increase in engine performance (Torque, Thermal Efficiency, BMEP, COVBMEP) with variations in parameters of the temperature of glow plug (using voltage), excess air ratio, and ignition timing from standard engine conditions need to be explained.

5. Conclusion

- The best value of each variable parameter obtained needs to be explained and the quantitative value of increasing engine performance with variations of these parameters needs to be shown.

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Automotive Experiences

 **B-Reviewer comment ok.docx**
16K

Mitsuhisa ICHIYANAGI <ichiyanagi@sophia.ac.jp>

Sat, Jul 10, 2021 at 2:00 PM

To: willy@petra.ac.id

Cc: m24416075@john.petra.ac.id, m24416028@john.petra.ac.id, m24413007@john.petra.ac.id, kaku-gbin@eagle.sophia.ac.jp, yilmaz@sophia.ac.jp, emiryilmaz@eagle.sophia.ac.jp, suzu-tak@sophia.ac.jp

Dear Prof. Willyanto Anggono,

We received peer-reviewed results from Automotive Experiences.

I would like you to make the first drafts of both a peer-reviewed response and a revised manuscript.

If you have any technical questions, please send an e-mail to Prof. Suzuki, Mr. Guo, Prof. Emir Yilmaz, and me.

Best regards,
Mitsuhisa Ichiyanagi

Forwarded by Mitsuhisa ICHIYANAGI <ichiyanagi@sophia.ac.jp>

----- Original Message -----

From: Muji Setiyo <setiyo.muji@ummgl.ac.id>

To: Willyanto Anggono <willy@petra.ac.id>, Soen Peter Stanley <m24416075@john.petra.ac.id>, Ferdinand Ronaldo <m24416028@john.petra.ac.id>, "Gabriel J. Gotama" <m24413007@john.petra.ac.id>, Bin Guo <kaku-gbin@eagle.sophia.ac.jp>, Emir Yilmaz <emiryilmaz@eagle.sophia.ac.jp>, Mitsuhisa Ichiyanagi <ichiyanagi@sophia.ac.jp>, Takashi Suzuki <suzu-tak@sophia.ac.jp>

Date: Fri, 9 Jul 2021 23:50:07 +0900

Subject: [AE] Editor Decision

Dear Willyanto Anggono, Soen Peter Stanley, Ferdinand Ronaldo, Gabriel J. Gotama, Bin Guo, Emir Yilmaz, Mitsuhisa Ichiyanagi, Takashi Suzuki:

We have reached a decision regarding your submission to Automotive Experiences, "Engine Performances of Lean Iso-Octane Mixtures in a Glow Plug Heated Sub-Chamber SI Engine".

Our decision is: Revisions Required

Please revise your manuscript carefully, the revision process requires two major documents:

- The first is the revised manuscript highlighting all the modifications made following the recommendations received from the reviewers (example of <<http://journal.ummgl.ac.id/index.php/AutomotiveExperiences/revpaper>>revised manuscript).
- The second is a letter listing the authors' responses illustrating they have addressed all the concerns of the reviewers and editors (example of <<http://journal.ummgl.ac.id/index.php/AutomotiveExperiences/respletter>>response letter).

[Quoted text hidden]

<<https://journal.unimma.ac.id/index.php/AutomotiveExperiences>>Automotive Experiences

----- Original Message Ends -----



B-Reviewer comment ok.docx

16K

Willyanto . <willy@petra.ac.id>

Sat, Jul 10, 2021 at 2:41 PM

To: Mitsuhsa ICHIYANAGI <ichiyalagi@sophia.ac.jp>

Dear Prof. Ichiyalagi,

I am going to prepare the revised manuscript and send it to you as soon as possible.

Many thanks,

Willyanto

[Quoted text hidden]



Willyanto . <willy@petra.ac.id>

[AE] Editor Decision

1 message

Muji Setiyo <setiyo.muji@ummgl.ac.id>

Thu, Nov 25, 2021 at 9:33 PM

To: Willyanto Anggono <willy@petra.ac.id>, Soen Peter Stanley <m24416075@john.petra.ac.id>, Ferdinand Ronaldo <m24416028@john.petra.ac.id>, "Gabriel J. Gotama" <m24413007@john.petra.ac.id>, Bin Guo <kaku-gbin@eagle.sophia.ac.jp>, Emir Yilmaz <emiryilmaz@eagle.sophia.ac.jp>, Mitsuhsa Ichianagi <ichianagi@sophia.ac.jp>, Takashi Suzuki <suzu-tak@sophia.ac.jp>

Willyanto Anggono, Soen Peter Stanley, Ferdinand Ronaldo, Gabriel J. Gotama, Bin Guo, Emir Yilmaz, Mitsuhsa Ichianagi, Takashi Suzuki:

The editing of your submission, "Engine Performances of Lean Iso-Octane Mixtures in a Glow Plug Heated Sub-Chamber SI Engine," is complete. We are now sending it to production.

Submission URL: <https://journal.unimma.ac.id/index.php/AutomotiveExperiences/authorDashboard/submission/5118>

Muji Setiyo
Universitas Muhammadiyah Magelang
setiyo.muji@ummgl.ac.id

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