



SDI Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_43051
Title of the Manuscript:	Performance evaluation of ecofriendly biolubricant obtained from waste cooking palm oil
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>Change of Title</p> <p>The study has been made here to evaluate only the quality assessment parameters but now where presented any results with respect to performance evaluation of lubricant obtained from WCPO.</p> <p>Hence it is recommended to change the title by using suitable word instead of performance evaluation</p>	<p>The authors strong agreed with the reviewer's comment and have modified the title to read 'Assessment of quality performance of ecofriendly biolubricant from waste cooking palm oil' in the manuscript.</p>
Minor REVISION comments	<p>Table 1.2. AC = Acid value to be corrected as AV and also it is better to list those initials order wise as represent in table like written below.</p> <p>KV, VI, FP, PP, AV, IV</p> <p>Same changes can be made in Table 3.2 also</p> <p>In last sentence of Chapter 1, (line 67,68) the author written , This research focused on the production of ecofriendly biolubricant using waste cooking palm oil as renewable base stock.</p> <p>But the research is mainly focused on evaluating the quality assessment parameters but not on production of ecofriendly biolubricant using waste cooking palm oil. It is recommended to make suitable changes for the same.</p> <p>In Chapter 2. Line 72 and 73. The author denoted analytical balance; thermometer; viscometer; FTIR spectroscopy machine; and pensky martens flash point analyser as the materials, But they are the instrument used to measure different property of oil. It is recommended to make suitable changes for the same</p> <p>In chapter 4. Line 285, First sentence can be rewritten for the betterment of conclusion.</p> <p>In references it is observe only two papers are quoted from past two years. It is better to quote at least 5 to 6 papers from last two years. Following papers are recommended to add in references.</p> <p>https://www.hindawi.com/journals/at/2018/2425619/abs/ https://www.jstage.jst.go.jp/article/trol/13/2/13_50/ article https://www.sciencedirect.com/science/article/pii/S0301679X18300306?via%3DiHub https://www.sciencedirect.com/science/article/pii/S1364032117309255?via%3DiHub</p>	<p>The authors strongly agreed with the reviewer's advice and acid value (AV) has been modified in the manuscript with all tables updated.</p> <p>The authors strongly agreed with the reviewer's comment and suitable changes on the focus of the research have been made in the manuscript.</p> <p>The authors strongly agreed with the observation of the reviewer and suitable changes on the materials used for the research have been made in the manuscript.</p> <p>The authors strongly agreed with the advice of the reviewer and have updated the manuscript with conclusion that reflects the aim and objectives of the result.</p> <p>The authors strong agreed with the reviewer's comment and have updated the manuscript with the following recent references:</p> <p>Gobinda <i>et al.</i>, 2017; Aloko <i>et al.</i>, 2017; Christensen <i>et al.</i>, 2017; Jagadeesh <i>et al.</i>, 2018; Jeevan and Jayaram, 2018_a; Jeevan and Jayaram, 2018_b</p>
Optional/General comments		