



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Applied Chemistry Research</a>
Manuscript Number:	<b>Ms_AJACR_43051</b>
Title of the Manuscript:	<b>Performance evaluation of ecofriendly biolubricant obtained from waste cooking palm oil</b>
Type of the Article	<b>Original Research Article</b>

**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)
<b>Compulsory</b> REVISION comments	<p>Generally, the English language in the article is poor. Suggestions in this direction have been made but the authors must pay attention to this aspect and to proper punctuation.</p> <p>The authors must note that a value is always spaced from the unit except °C and %.</p> <p>There is an annoying repetition of this throughout the text.</p> <p>It is suggested that the authors adopt the simple term “quality parameters” instead of “quality assessment parameters”.</p> <p>The meaning of WCO is not given in the text. Would it be the same as WCPO? What about TMP? In the same vain, abbreviations in the appendix are not explained, making their comprehension difficult.</p> <p><b>Introduction</b> Values from Tables 1.1 and 1.2 can be quoted to argue the point for the study but they have no place in the introduction. They can be integrated in the Tables in the Results and Discussion for comparison.</p> <p><b>Materials and Methods</b> In 2.2, the biolubricant is produced solely by mixing waste oil, SN 500 and additives whose compositions are not precised and then stirred at high speed. Only one formulation was done in accordance with literature! The ratios were not varied to determine the optimum. What therefore is the contribution of the authors? Moreover, these additives seem to contain many components! Was there any synthesis of a biolubricant carried out? How were % compositions of different components of oil computed from GC-MS spectra? In fact, how are GC-MS data captured after injection of sample and exploited?</p> <p><b>Results and Discussion</b> Are the results an average of many assays? This is important for reproducibility. Spectra refer to many; one should be a spectrum. Discussions seem to be jumbled, especially pertaining to tables, some which do not exist.</p>	
<b>Minor</b> REVISION comments	<p>Each table or figure should have a key and not keys.</p> <p>The spacing in the text varies from one paragraph to another. It will necessary to render this situation uniform.</p> <p>Was there need to include the paragraph number into the numbering of tables, figures and equations for such a short text?</p>	
<b>Optional/General</b> comments		

**Reviewer Details:**

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