

**Review Form 3**

Journal Name:	<a href="#">Journal of Materials Science Research and Reviews</a>
Manuscript Number:	<b>Ms_JMSRR_126920</b>
Title of the Manuscript:	<b>Advances in the study of quantum dots as lubricant additives</b>
Type of the Article	<b>Minireview Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b><u>Compulsory</u></b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>By enhancing the performance and efficiency of lubricants, this research could lead to substantial improvements in machinery longevity and energy efficiency. The findings should have the potential to revolutionize various industries, from automotive to aerospace, by providing a deeper understanding of how quantum dots can reduce friction and wear, ultimately contributing to more sustainable and cost-effective industrial practices.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>I will suggest that the title should be restructured in a scientific and technical terms</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>The abstract needs to begin with a brief introduction to the research and the purpose of the review. The methods section should outline the search strategy and selection criteria for the literature reviewed. The results section ought to summarise the main findings, highlighting key trends and patterns identified in the literature. Finally, the conclusion discusses the implications of the findings for the field and suggests directions for future research.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>Too much because of the structure of the write-up. A table showing the summary of the technique can be introduced</b></p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>The gap in the literature needs to be clearly stated. Limitations need to be identified as well.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p><b>Recent references - good</b></p>	
<p><u>Minor</u> REVISION comments</p>		
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><u>Optional/General</u> comments</p>		
	<p>The body of a review manuscript should provide a comprehensive and structured discussion of the topic, starting with an introduction that offers detailed background information and clearly states the objectives of the review. It should then present a thorough literature review, describing the search strategy and selection criteria used to gather relevant studies. Thematic analysis should follow, identifying and discussing key themes, trends, and patterns found in the literature, and critically evaluating the methodologies and findings of the reviewed studies. The discussion section should synthesize these findings, highlight their implications for the field, and identify any limitations. Finally, the conclusion should summarize the key points and suggest directions for future research.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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