

**Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_76719
Title of the Manuscript:	Engine Oil- Crankshaft Interaction Fem Modelling of an Air Cooled Diesel Engine Under Dynamic Severe Functioning Conditions
Type of the Article	Computational analysis

**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://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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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)
<u>Compulsory</u> REVISION comments	<p>This article examines an air-cooled direct injection engine's crankshaft thermomechanical FEM modelling account for engine oil-crankshaft interaction in extreme operating situations. The following suggestions for improvement may be explored.</p> <ol style="list-style-type: none"><li>1. Hyphen is suggested between "Air and Cooled."</li><li>2. Authors much check for Grammar and Typological mistakes.</li><li>3. The quality of diagrams is significantly poor. It needs to be improved by redrawing using suitable software (more than 300 DPI).</li><li>4. A list of nomenclature must be added for quick understanding to the widespread reader.</li><li>5. State the details of the computational tool used during the study.</li><li>6. Conclusions are not very much precise and indicate significant findings of this research work.</li><li>7. The author may show the comparison between theoretical and computation results in tabulated form for validation.</li><li>8. Add the methodology section to understand the way in which research has been carried out</li></ol>	All the necessary corrections were done as indicated
<u>Minor</u> REVISION comments	Will be suggested after incorporating major comments....!	Okay
<u>Optional/General</u> comments	Not suggested	

PART 2:

	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	