

Review Form 1.6

Journal Name:	Physical Science International Journal
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	case study

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)
Compulsory REVISION comments	<ul style="list-style-type: none">- in the text, where is about heat flux (h), the attribute oil or air must be written as subscript;- the Equations must be written using an adequate editor and their number must be put in the right of row;- must be improved the graphic quality of some Figures (as example Fig. 1 and Fig. 2);- the notation for rotational speed "tr/min" is used in French; I suggest to use "rpm" instead.- also note kg not Kg (in the Table 1);- in some cases you use comma instead decimal point (In Table 1 and Eq. (9)) and vice versa (sometimes when you put the measuring units for temperature or pressure).- in the page 7 you must put the measuring unit after deformation value ($1.23 \cdot 10^{-3}$)	All the necessary corrections were done as indicated
Minor REVISION comments	<p>You must replace:</p> <ul style="list-style-type: none">- "crankshaft" instead "crankshalf " (2 times in the abstract)- "At the end step..." instead "A the end step..." in the final part of section 1;- "vector" instead "vecteur" after the Eq. (1);- "bearing" instead "baring" (there are 4 cases);- "crankpin" instead "crapin" (there are 4 cases);- "behavior" instead "behavior" (at the beginning of left column page 10);- in the Fig. 10 close to the red mark must appear "stressed" instead "tressed";- the References must be also revised (see, as example the no. 7 where many % signs appear). <p>Generally, an automatic spelling is recommended.</p>	All the necessary corrections were done as indicated
Optional/General comments	<p>It is a helpful work in which experimental determinations confirm a thermo-mechanical modeling of the crankshaft of a Diesel engine identifying the maximum mechanical stress zones. But the text must be revised and above there are summarized some necessary corrections.</p> <p>Because the Word versions (of mine and of authors) mismatch, I see many words "concatenated" what is probably not the case in the original text. Would be better to be transmitted to the reviewers a pdf version.</p>	All the necessary corrections were done as indicated

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?	(If yes, Kindly please write down the ethical issues here in details)	