Review Form 1.6

Journal Name:	**Journal of Advances in Mathematics and Computer Science**
Manuscript Number:	**Ms_JAMCS_75242**
Title of the Manuscript:	**Power Law Fluid Model for Thermal Elastohydrodynamic Lubrication**
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://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	The author has a good scientific topic worth working on, but the following observations must be considered: **Abstract** 1. The abstract, needs slight improvement. **Introduction** 2 The introduction lacks logical flow and it is not standing clear that the author is solving TEHL point contact problem. 3. The advantages of Power Law Model as a non-Newtonian lubricant over the other enumerated methods must be clearly stated. On the other hand, the disadvantages of the other methods making them unsuitable to be used as non-Newtonian lubricants must also be stated clearly. 4. Lack of sufficient references in some portions of the introduction. **Results and Discussion** 5. In scientific writeup, any assumptions made must be supported by a reference(s). 6. In the writeup, it is difficult to know the derived Modified Reynolds Equation. 7. And it is not clearly shown where and how the Energy equation was modified. 8. In the derivation of the Modified Reynolds Equation, what happens to the body and inertia forces if the film thickness is of the order of a few nanometers? 9. In this case, the body and inertia forces cannot be assumed to be neglected as assumed earlier on. 10. How did the Modified Reynolds Equation explain the pressure and the film thickness plots? 11. In all your analysis and plots, what happens to the body and inertia forces and their associated pressure and film thickness plots under constant load conditions? **Suggestion** **12.** The nomenclature should come before the introduction.	
Minor REVISION comments		
Optional/General comments		

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As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

http://sciencedomain.org/archives/20

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)*	

Reviewer Details:

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Department, University & Country	***University of Mines and Technology (UMaT), Ghana***