



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_6202
Title of the Manuscript:	An Olive Oil Tank Farm Management and Optimum Blend System
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://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)
Compulsory REVISION comments		
Minor REVISION comments	<p>1. Page 3 Column 2 Line 12 "Experimental results have verified that such a model is correct." There should be some citation of experimental results to support this argument.</p> <p>2. Page 5 Column 1 Line Last 7 More optimal criteria that could be adopted are suggested to be appended.</p> <p>3. Please append some quantitative results to support the benefits mentioned in the conclusion.</p>	<p>We agree</p> <p>The cost criteria can be any combination of cost functions (see end of section 4.2).</p>
Optional/General comments	<p>1. Some possible approaches to perform sensitivity analysis are suggested to be appended.</p>	<p>The linear mixing model is a good approximation for most cases and most of the parameters. It is not feasible to model the exact chemical interaction of olive oil ingredients during a mix .</p> <p>The sensitivity analysis could be made if we introduce more measurements (chemical analysis at the laboratory) at each major blending step to verify the correctness of the model . One of the objectives of the system was to avoid lengthy and complicated chemical analysis tests and a try and error mixing based on actual chemical analysis data.</p>