





**Product & Service Data Sheet**

**Testing Package** : GasEngineCheck™ 804 and GasEngineCheck™ 894

**Application** : • Natural Gas Engine / CNG Engine / LPG Engine  
• Bio Gas Engine



**Testing Details :**

GasEngineCheck™ 804	GasEngineCheck™ 894
<p>All Tests below are for GasEngineCheck™ 804</p> <p><b>Wear Metal Elements -Condition</b></p> <ul style="list-style-type: none"> <li>• RDE Fine Wear Metal -18 elements</li> <li>• RFS Coarse Wear Metal -11 elements</li> </ul> <p><b>Oil Condition</b></p> <ul style="list-style-type: none"> <li>• Oil Condition ; oxidation , nitration</li> <li>• Viscosity @ 100<sup>o</sup> c</li> <li>• TAN (Total Acid Number )</li> </ul> <p><b>Contamination</b></p> <ul style="list-style-type: none"> <li>• Oil Contamination ; dirt &amp; dust , soot, fuel , Coolant(glycol)</li> <li>• %Moisture &amp; Water by T-H<sub>2</sub>OCheck</li> <li>• Wrong oil contamination</li> </ul> <p>• <b>Report with Interpretation and Recommendation</b></p>	<p>All Tests below are for GasEngineCheck™ 894</p> <p><b>Wear Metal Elements -Condition</b></p> <ul style="list-style-type: none"> <li>• RDE Fine Wear Metal -18 elements</li> <li>• RFS Coarse Wear Metal -11 elements</li> </ul> <p><b>Oil Condition</b></p> <ul style="list-style-type: none"> <li>• Oil Condition ; oxidation , nitration</li> <li>• Viscosity @ 100<sup>o</sup> c</li> <li>• TAN (Total Acid Number )</li> </ul> <p><b>Contamination</b></p> <ul style="list-style-type: none"> <li>• Oil Contamination ; dirt &amp; dust , soot, fuel , Coolant(glycol)</li> <li>• %Moisture &amp; Water by T-H<sub>2</sub>OCheck</li> <li>• Wrong oil contamination</li> <li>• Paticle Count ( Oil Cleanliness) result in both NAS 1638 and ISO 4406</li> </ul> <p>• <b>Report with Interpretation and Recommendation</b></p>
<p>Highlight Focuslab's unique testing technology in GasEngineCheck 804</p> <div style="display: flex; justify-content: space-around;">   </div>	<p>Highlight Focuslab's unique testing technology in GasEngineCheck 894</p> <div style="display: flex; justify-content: space-around;">   </div>

\* Wrong oil contamination can be detected in case BASELINE data will be available

Note :The above recommended testing package will be as guideline , the suitable test package may be vary depend uopn right application, environment ,severity,critical factor ,machine age ,so on.

**Sample Quantity Requirement** : 100 ml

**Oil Analysis Report Feature** :

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| <ul style="list-style-type: none"> <li>• Displayed an easy-to-read and understand Information for wear condition,lubricant condition and contamination</li> <li>• Provide new oil or reference oil for comparing result and as base line</li> <li>• Interpretation and recommendation of the result and option for bilingual</li> </ul> | <ul style="list-style-type: none"> <li>• Color coded problem high-light</li> <li>• Color coded displayed for overall condition for present sample and history condition of previous samples.</li> <li>• Publish alarm limit range of equipment and oil</li> <li>• Comprehesive trending graph of most parameters</li> <li>• TurbineCheck Oil Analysis offers reporting Option via internet , email anf fax</li> </ul> |
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**Turnaround Time Service** :

The report is typical available within 3 working of sample receript at Focuslab's laboratory.  
(For the first time of delivery new unit equipment sample , it may take approx 5 working days.)

**Example of GasEngineCheck Report** : Please view our example of GasEngineCheck Oil Analysis Report at [www.focuslab.co.th](http://www.focuslab.co.th)

Need more product & service information ,please contact Focuslab Ltd