

**Product & Service Data Sheet**





**Testing Package** : GearCheck™ 804 และ GearCheck™ 884

**Application** : 
 

- Gear System , Reducer
- Transmissions , differentials



**Testing Details :**

GearCheck™ 804	GearCheck™ 884
All Tests below are for GearCheck™ 804	All Tests below are for GearCheck™ 884
<b>Wear Metal Elements -Condition</b>	<b>Wear Metal Elements -Condition</b>
<ul style="list-style-type: none"> <li>• Fine Wear Metal -18 elements , ASTM D5185 or ASTM D6595</li> <li>• RFS Coarse Wear Metal -11 elements, ASTM D6595</li> <li>• Particle Quantifier Index (PQ Index) , ASTM D8184</li> </ul>	<ul style="list-style-type: none"> <li>• Fine Wear Metal -18 elements , ASTM D5185 or ASTM D6595</li> <li>• RFS Coarse Wear Metal -11 elements, ASTM D6595</li> <li>• Particle Quantifier Index (PQ Index) , ASTM D8184</li> <li>• Ferrographic Analysis , ASTM D7690M</li> </ul>
<b>Oil Condition</b>	<b>Oil Condition</b>
<ul style="list-style-type: none"> <li>• Oil Condition ; oxidation , nitration ,ASTM E2412M</li> <li>• Viscosity @ 40<sup>o</sup> c or 100<sup>o</sup> c , ASTM D445</li> <li>• Acid Number , ASTM D974M</li> </ul>	<ul style="list-style-type: none"> <li>• Oil Condition ; oxidation , nitration ,ASTM E2412M</li> <li>• Viscosity @ 40<sup>o</sup> c or 100<sup>o</sup> c , ASTM D445</li> <li>• Acid Number , ASTM D974M</li> </ul>
<b>Contamination</b>	<b>Contamination</b>
<ul style="list-style-type: none"> <li>• Oil Contamination ; dirt &amp; dust ,etc</li> <li>• %Moisture &amp; Water , ASTM D6304</li> <li>• Wrong oil contamination</li> </ul>	<ul style="list-style-type: none"> <li>• Oil Contamination ; dirt &amp; dust ,etc</li> <li>• %Moisture &amp; Water , ASTM D6304</li> <li>• Wrong oil contamination</li> </ul>
<b>Report with Interpretation and Recommendation</b>	<b>Report with Interpretation and Recommendation</b>
Highlight Focuslab's unique testing technology in GearCheck 804	Highlight Focuslab's unique testing technology in GearCheck 884
 	 

\* 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** :

- Displayed an easy-to-read and understand Information for wear condition,lubricant condition and contamination
- Provide new oil or reference oil for comparing result and as base line
- Interpretation and recommendation of the result and option for bilingual
- Color coded problem high-light
- Color coded displayed for overall condition for present sample and history condition of previous samples.
- Publish alarm limit range of equipment and oil
- Comprehensive trending graph of most parameters
- GearCheck Oil Analysis offers reporting Option via internet , email anf fax

**Turnaround Time Service** :

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

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

Need more product & service information ,please contact Focuslab Ltd