


**Product & Service Data Sheet**

**Testing Package** : PumpCheck™ 824

**Application** :   
 • Pump , Vacuum Pump ( Gear and bearing lubrication system)   
 • Motor (gear and bearing system)   
 • Blower , Fan ,etc (gear and bearing system)



**Testing Details :**

<p><b>PumpCheck™ 824</b></p> <p>All Tests below are for PumpCheck™ 824</p> <p><b>Wear Metal Elements -Condition</b></p> <ul style="list-style-type: none"> <li>• Fine Wear Metal -18 elements , ASTM D6596 or ASTM D5185</li> <li>• RFS Coarse Wear Metal -11 elements , ASTM D6595</li> <li>• Ferrographic Analysis , ASTM D7690M</li> <li>• Particle Quantifier Index (PQ Index) , ASTM D8184</li> </ul> <p><b>Oil Condition</b></p> <ul style="list-style-type: none"> <li>• Oil Condition ; oxidation , nitration , ASTM E2412M</li> <li>• Viscosity @ 40° c or 100° c , ASTM D445</li> <li>• Acid Number , ASTM D974</li> </ul> <p><b>Contamination</b></p> <ul style="list-style-type: none"> <li>• Oil Contamination ; dirt &amp; dust ,etc ,ASTM D6595 or ASTM D5185</li> <li>• %Moisture &amp; Water , ASTM D6304</li> <li>• Wrong oil contamination</li> <li>• Particle Count ( Oil Cleanliness) result in both NAS 1638 and ISO 4406</li> </ul> <ul style="list-style-type: none"> <li>• <b>Report with Interpretation and Recommendation</b></li> </ul> <p>Highlight Focuslab's unique testing technology in PumpCheck 824</p> 
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\* 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 vary depend upon 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>• Comprehensive trending graph of most parameters</li> <li>• PumpCheck Oil Analysis offers reporting Option via internet , email and fax</li> </ul> |
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**Turnaround Time Service** :

The report is typical available within 4 -5 working days of sample receipt at Focuslab's laboratory. (For the first time of delivery new unit equipment sample , it may take approx 4-5 working days.)

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

Need more product & service information ,please contact Focuslab Ltd