

**Product & Service Data Sheet**

**Testing Package** : GreaseCheck™ 822 and GreaseCheck™ 832

- Application** :
- Used (in-service) Lubricating Grease - as routine monitoring
  - Electrical Motor -Bearing Grease
  - Pillow Block Bearing Grease
  - Robot Grease
  - Wind Turbine Grease
  - etc



**Testing Details :**

GreaseCheck™ 822	GreaseCheck™ 832
<p>All Tests below are for GreaseCheck™ 822</p> <p><b>Wear Metal Elements -Condition</b></p> <ul style="list-style-type: none"> <li>• RDE Fine Wear Metal -18 elements , ASTM D6595</li> <li>• RFS Coarse Wear Metal -11 elements , ASTM D6595</li> <li>• PQ Index , ASTM D8184</li> </ul> <p><b>Grease Condition</b></p> <ul style="list-style-type: none"> <li>• NLGI / Consistency Number FTM test Method <sup>(1)</sup></li> <li>• Dropping Point , ASTM D2265</li> <li>• Oil Bleeding FTM test Method <sup>(2)</sup></li> </ul> <p><b>Contamination</b></p> <ul style="list-style-type: none"> <li>• %Moisture &amp; Water , ASTM D1744</li> <li>• Deleterious Particles , ASTM D1404</li> <li>• Wrong Grease / Mixing Grease , FTIR <sup>(3)</sup> and the others</li> </ul> <p>• <b>Report with Interpretation and Recommendation</b></p>	<p>All Tests below are for GreaseCheck™ 832</p> <p><b>Wear Metal Elements -Condition</b></p> <ul style="list-style-type: none"> <li>• RDE Fine Wear Metal -18 elements , ASTM D6595</li> <li>• RFS Coarse Wear Metal -11 elements , ASTM D6595</li> <li>• PQ Index , ASTM D8184</li> <li>• Ferrographic Analysis , ASTM D7690</li> </ul> <p><b>Grease Condition</b></p> <ul style="list-style-type: none"> <li>• NLGI/ Consistency Number FTM test Method <sup>(1)</sup></li> <li>• Dropping Point , ASTM D2265</li> <li>• Oil Bleeding FTM test Method <sup>(2)</sup></li> </ul> <p><b>Contamination</b></p> <ul style="list-style-type: none"> <li>• %Moisture &amp; Water , ASTM D1744</li> <li>• Deleterious Particles , ASTM D1404</li> <li>• Wrong Grease / Mixing Grease , FTIR <sup>(3)</sup> and the others</li> </ul> <p>• <b>Report with Interpretation and Recommendation</b></p>

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.

**Remark , Note and Concern**

- GreaseCheck™ 822 and GreaseCheck™ 832 are designed for Used (In-service) Grease Analysis -Testing
- Designed testing parameter in GreaseCheck™ 822 and GreaseCheck™ 832 are modicated and applicable for small- limited-grease quantity samples - application .
- GreaseCheck™ 822 and GreaseCheck™ 832 are not good and not applicable for testing new grease as quality control .
- FTM = Focuslab Test Method.
- (1) , (2) and (3) are required new fresh grease .
- FTIR = Fourier Transform -Infrared Spectrscopy
- GreaseCheck™ 822 and GreaseCheck™ 832 will be more accuracy if having the new fresh grease .  
Please deliver the new fresh grease for the first time when deliver Used(In-service) grease for analysis

**Sample Quantity Requirement** : approx 10 grams

**Turnaround Time Service** :

The report is typical available within 8-10 working days of sample receipt at Focuslab's laboratory.  
(For the first time of delivery new unit equipment sample , it may take approx 8-10 working days.)

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

Need more product & service information ,please contact Focuslab Ltd