

**Product & Service Data Sheet**

**Testing Package** : HydraulicCheck™ 813

- Application** :
- High Precision -Hydraulic System
  - High Pressure -Hydraulic System (> 1000 psi)
  - High Performance -Hydraulic System
  - Electro Hydraulic Control (EHC)System
  - EHC Fluid system for Steam Turbine



**Testing Details :**

**HydraulicCheck™ 813**

All Tests below are for HydraulicCheck™ 813

**Wear Metal Elements -Condition**

- RDE Fine Wear Metal -18 elements
- RFS Coarse Wear Metal -11 elements

**Oil Condition**

- Oil Condition ; oxidation , nitration
- Viscosity @ 40<sup>o</sup> c
- TAN (Total Acid Number )

**Contamination**

- Oil Contamination ; dirt & dust
- %Moisture & Water by T-H2OCheck
- Wrong oil contamination
- Particle Count ( Oil Cleanliness)  
result in both NAS 1638 and ISO 4406
- VsPI™ (Varnish and Sludge Potential Index)
- **Report with Interpretation and Recommendation**

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

**Sample Quantity Requirement** : 200 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
  - HydraulicCheck Oil Analysis offers reporting Option via internet , email anf fax

**Turnaround Time Service** :  
The report is typical available within 3 working 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 HydraulicCheck Report** : Please view our example of HydraulicCheck Oil Analysis Report at [www.focuslab.co.th](http://www.focuslab.co.th)

Need more product & service information ,please contact Focuslab Ltd