

## Product & Service Data Sheet

**Testing Package** : CompressorCheck™ 823

**Application** :

- Centrifugal Tye-Compressor ( Air and Gases )
- Critical Operation , Start up , Commissioning
- Turbo Machinery
- Etc



### Testing Details :

#### CompressorCheck™ 823

All Tests below are for CompressorCheck™ 823

##### Wear Metal Elements -Condition

- RDE -AES - Wear Metal -18 elements , ASTM D6595 or ICP-AES -Wear Metal 18 Elements-ASTM D5185
- RFS Coarse Wear Metal -11 elements ,ASTM D6595
- Particle Quantifier Index (PQ Index) , ASTM D8184
- Ferrographic Analysis ,ASTM D 7690

##### Oil Condition

- Oil Condition ; oxidation , nitration , ASTM E2412M
- Viscosity @ 40<sup>0</sup> c or 100<sup>0</sup> c , ASTM D445
- Acid Number , ASTM D974

##### Contamination

- Oil Contamination ; dirt & dust ,etc ,ASTM D6595 or ASTM D5185
- %Moisture & Water by T-H2OCheck
- Wrong oil contamination
- Paticle Count ( Oil Cleanliness) result in both NAS 1638 and ISO 4406
- SI MPC™ (Varnish Potential Testing) , ASTM D7843

##### Report with Interpretation and Recommendation

\* 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** : 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
- Comprehesive trending graph of most parameters
- CompressorCheck Oil Analysis offers reporting Option via internet , email anf fax

#### Turnaround Time Service :

The report is typical available within 7 working days of sample receipt at Focuslab's laboratory.

(For the first time of delivery new unit equipment sample , it may take approx 7 working days.)

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

Need more product & service information ,please contact Focuslab Ltd