

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 -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

Oil Condition

- Oil Condition ; oxidation , nitration , ASTM E2412M
- Viscosity @ 40° c , ASTM D445
- TAN (Total Acid Number) , ASTM D974

Contamination

- Oil Contamination;dirt&dust, ASTM D6595 or ASTM D5185
- %Moisture & Water , ASTM D6304
- Wrong oil contamination
- Particle Count (Oil Cleanliness)
result in both NAS 1638 and ISO 4406
- SI MPC™ (Varnish Potential Testing) , ASTM D7843
- **Report with Interpretation and Recommendation**

Note and Remark :

- 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.
- SI MPC™ , the previuos name is VsPI™
- SI MPC™ is a combination test of S - MPC (Soluble MPC or Soluble Varnish) -test and I -MPC (Insoluble MPC or Insoluble Varnish) or MPC test
- I- MPC , ASTM D7843 and MPC , ASTM D7843 are the same test and the same ASTM , Only different name.
- MPC = Membrane Patch Colorimetry

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
- HydraulicCheck Oil Analysis offers reporting Option via internet , email anf fax

Turnaround Time Service :

The report is typical available within 5-7 working days of sample receript at Focuslab's laboratory.
(For the first time of delivery new unit equipment sample , it may take approx 7 working days.)

Example of HydraulicCheck Report : Please view our example of HydraulicCheck Oil Analysis Report at www.focuslab.co.th

Need more product & service information ,please contact Focuslab Ltd