



Product & Service Data Sheet

Testing Package : **EngineCheck™ 802** and **EngineCheck™ 804**

Application :
• Diesel Engine
• Gasoline Engine



Testing Details :

EngineCheck™ 802	EngineCheck™ 804
All Tests below are for EngineCheck™ 802	All Tests below are for EngineCheck™ 804
Wear Metal Elements -Condition <ul style="list-style-type: none"> Fine Wear Metal -18 elements , ASTM D6595 or ASTM D5185 RFS Coarse Wear Metal -11 elements , ASTM D6595 Particle Quantifier Index (PQ Index) , ASTM D8184 	Wear Metal Elements -Condition <ul style="list-style-type: none"> Fine Wear Metal -18 elements , ASTM D6595 or ASTM D5185 RFS Coarse Wear Metal -11 elements , ASTM D6595 Particle Quantifier Index (PQ Index) , ASTM D8184
Oil Condition <ul style="list-style-type: none"> Oil Condition ; oxidation , nitration , sulfation <ul style="list-style-type: none"> Oxidation , ASTM D7414 Nitration , ASTM D7624 Sulfation , ASTM D7415 Viscosity @ 100⁰ c , ASTM D445 	Oil Condition <ul style="list-style-type: none"> Oil Condition ; oxidation , nitration , sulfation <ul style="list-style-type: none"> Oxidation , ASTM D7414 Nitration , ASTM D7624 Sulfation , ASTM D7415 Viscosity @ 100⁰ c , ASTM D445 TBN (Total Base Number) , ASTM D4739 or ASTM D2896
Contamination <ul style="list-style-type: none"> Oil Contamination ; dirt & dust , soot , fuel , Coolant(glycol) % Water by FTIR ,ASTM E2412M Soot by FTIR , ASTM E2412M Glycol by FTIR , ASTM E2412M Wrong oil contamination 	Contamination <ul style="list-style-type: none"> Oil Contamination ; dirt & dust , soot , fuel , Coolant(glycol) % Water by FTIR ,ASTM E2412M Soot by FTIR , ASTM E2412M Glycol by FTIR , ASTM E2412M Wrong oil contamination
Report with Interpretation and Recommendation	Report with Interpretation and Recommendation
Highlight Focuslab's unique testing technology in EngineCheck 802 	Highlight Focuslab's unique testing technology in EngineCheck 804 

* 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 : 100 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
- EngineCheck Oil Analysis offers reporting Option via internet , email anf fax

Turnaround Time Service :

The report is typical available within 3 - 4 working days of sample receript at Focuslab's laboratory.
(For the first time of delivery new unit equipment sample , it may take approx 5 working days.)

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

Need more product & service information ,please contact Focuslab Ltd