

Product & Service Data Sheet

Testing Package : GasEngineCheck™ 826

Application :
• Natural Gas Engine / CNG Engine / LPG Engine
• Bio Gas Engine



Testing Details :

GasEngineCheck™ 826

All Tests below are for GasEngineCheck™ 826

Wear Metal Elements -Condition

- Fine 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 , sulfation
 - Oxidation , ASTM D7414
 - Nitration , ASTM D7624
 - Sulfation , ASTM D7415
- Viscosity @ 100° c , ASTM D445
- TBN (Total Base Number) ,ASTM D2896
- TAN (Total Acid Number) , ASTM D974M

Contamination

- Oil Contamination ; dirt & dust , soot , fuel , Coolant(glycol)
- % Water by FTIR ,ASTM E2412M
- Soot by FTIR , ASTM E2412M
- Glycol by FTIR , ASTM E2412M
- SAN (Strong Acid Number) , ASTM D974M
(If and when, it will be applicable)
- I-pH in case of bio gas engine ,ASTM 7946M
- Sulfur , ASTM D4294
- Wrong oil contamination

- **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 : 100 ml

Turnaround Time Service :

The report is typical available within 4 - 5 working days of sample receipt at FocusLab's laboratory.

(For the first time of delivery new unit equipment sample , it may take approx more than 4 - 5working days.)