|  |  |  |
| --- | --- | --- |
|  |  |  |
| Company Name: |  |  |
| Address: |  |  | Date Needed: |  |
| Contact: |  | Phone: |  |  | Date Sampled: |  |
| Email: |  | Fax: |  |  | Sampled By: |  |
| P.O.#: |  | Project ID: |  |  | Syringe #: |  |
| Special Requests: |  |  | Bottle #: |  |
|  |  |  |  |  |
|  |  |  |  |
| **E****Q****U****I****P****M****E****N****T** |  |  |  |
|  |  |  |
|  |  |   |
|   |  |   |
|  LTC Model: |  |  |  |
| # of Operations (LTC and OCB only) |  |  |  |
|  |  |  |
| **Equipment Location:** |  | **Serial No.:** |  | **Equipment ID:** |  |
|  |  |  |  |  |  |
| **S****A****M****P****L****E** |  |
|  Type (i.e. BioTemp, Envirotemp FR3, Midel eN 1204, Midel eN 1215) |  |
|  OtherMIDEL 7131Envirotemp®200 |  |   |  OtherR-Temp® |
|  OtherWECOSOLTransclean |  |  |   |
|  |  |
|  |  |  |
|  |  |
| **BREATHING** |   |
|  |  |
|  |  |
| **STATE** |  |
|  |  |
| Manufacturer |  | KVA |  | Impedance |  |
| Year |  | Bank |  | Phase |  |
| Volume |  | kV Low |  | Sample Temp.(°C) |  |
|  |  | kV High |  | Known PCB Content (ppm) |  |
| **Equipment and Dielectric Fluid Quality** |
| **Transformer Oil Analysis Test Packages** | **Analysis Listed Individually** |
| *Choose One Level Below –* *Packages Are ONLY for Mineral Oil* |  Dissolved Gas Analysis (ASTM D3612C) |  Furan Analysis (ASTM D5837) |
|  Resistivity (ASTM D1169)  100°C  25°C |  Methanol / Ethanol (Weidmann) |
|  Basic (ASTM D3612C, D1533, D971, D974, D1500/D1524, D1816, & D4052) |  Color # / Visual (ASTM D1500/D1524) |  Carbonyls (WDS)  |
|  Color # / Visual (ASTM D2129/D1524) (Silicone, Askarel, and Perc Only) |  Oxidation Inhibitor (ASTM D2668) |
|  Enhanced (All Tests in “Basic” Plus ASTM D924 @ 25°C & D2668) |  PCB (EPA 8082a /ASTM D4059) |
|  Specific Gravity |  Viscosity (ASTM D445) |
|  Comprehensive (All Tests in “Enhanced” Plus ASTM D6786 & D5837)*.* |  ASTM D4052 ASTM D1298 |  40°C  Other |  |
|  Moisture in Oil (ASTM D1533) |  Fire Point (ASTM D92) |
| **Diagnostic Evaluation Packages*** Network System Diagnostic Evaluation
* Transformer Diagnostic Evaluation
* Regulator Diagnostic Evaluation
* ESP TR Diagnostic Evaluation
* LTC Diagnostic Evaluation
* OCB Diagnostic Evaluation

*Diagnostic Evaluation Package or Sulfur Hexafluoride (SF6) Analysis require a different sample submission form. Please contact your AVO representative for the correct form.* |  Dielectric Breakdown (ASTM D1816) |  Flash Point (ASTM D92) |
|  1mm  2mm |  Microscopic Evaluation (WDS) |
|  Dielectric Breakdown (ASTM D877) |  Particle Count (ASTM D6786) |
|  Power Factor (ASTM D924) |  Passivator (IEC 60666) |
|  25°C  100°C  Other |   |  Pour Point (ASTM D97) |
|  Interfacial Tension (ASTM D971) |  Refractive Index (ASTM D1807) |
|  Acid Number (ASTM D974) |  Sediment & Soluble Sludge (ASTM D1698) |
|  Corrosive Sulfur |  Metals-Fault (ASTM D7151) All (or pick below) |
|  ASTM D1275(copper)  ASTM D1275(silver)  |  Ag Al Cu Fe Pb Si Sn Zn  |
|  IEC62535 (CCD) |  Metals-Wear (ASTM D7151) (18 Metal Package) |
|  |  DBDS (IEC 62697) |
| Notes:  |  Other |  |
| **Solid Insulation** |
|  Degree of Polymerization (IEC 60450) |  Moisture in Cellulose (IEC 60814) |

PR103FRM\_EN\_CA R8a