|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | | | | | | | | | | | | | |  |  | | | | | |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | |
| Other  MIDEL 7131  Envirotemp®200 | | | | | | | | | | | | | |  | | |  | | Other  R-Temp® | | | | | | | | | | | |
| Other  WECOSOL  Transclean | | | | | | | | | | |  | | |  | | |  | | | | | | | | | | | | | |
|  | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
|  | | |  | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
|  | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **BREATHING** | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **STATE** | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer | | | | | | |  | | | | | | | | | KVA | | |  | | | | Impedance | | | | | | | |  |
| Year | | | | | | |  | | | | | | | | | Bank | | |  | | | | Phase | | | | | | | |  |
| Volume | | | | | | |  | | | | | | | | | kV Low | | |  | | | | Sample Temp.(°C) | | | | | | | |  |
|  | | | | | | |  | | | | | | | | | kV High | | |  | | | | Known PCB Content (ppm) | | | | | | | |  |
| **Equipment Fluid Quality** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Transformer Fluid Analysis Test Packages** | | | | | | | | | | | **Analysis Listed Individually** | | | | | | | | | | | | | | | | | | | | |
| Basic (ASTM D3612C, D1533, D971, D974, D1500/D1524, D1816, & D4052) Oil, Ester | | | | | | | | | | | Dissolved Gas Analysis (ASTM D3612C) | | | | | | | | | | | Furan Analysis (ASTM D5837) | | | | | | | | | |
| Resistivity (ASTM D1169)  100°C  25°C | | | | | | | | | | | Methanol / Ethanol (ASTM D806 ) | | | | | | | | | |
| Enhanced ( “Basic” Plus ASTM D924 @ 25°C & D2668) Mineral Oil Only | | | | | | | | | | | Color # / Visual (ASTM D1500/D1524) (oil, esters) | | | | | | | | | | |
| Color # / Visual (ASTM D2129/D1524)  (Silicone, Askarel, and Perc Only) | | | | | | | | | | | Oxidation Inhibitor (ASTM D2668) | | | | | | | | | |
| Comprehensive (”Enhanced” Plus  ASTM D6786 & D5837) Mineral Oil Only*.* | | | | | | | | | | | PCB (EPA 8082a /ASTM D4059) | | | | | | | | | |
| Specific Gravity | | | | | | | | | | | Viscosity (ASTM D445) | | | | | | | | | |  |
| Silicone (ASTM D3612C, D1533, D974, D2129/D1524, D21816, & D4052) | | | | | | | | | | | ASTM D4052 ASTM D1298 | | | | | | | | | | | 40°C  Other | | | | |  | | | | |
| Moisture in Oil (ASTM D1533) | | | | | | | | | | | Fire Point (ASTM D92) | | | | | | | | | |
| Ester Enhanced (“Basic” Plus ASTM D924@25°C)  Ester Comprehensive(“Ester Enhanced”  Plus (ASTM D6786 & D5837)  *For non-transformer diagnostic evaluation packages please visit us at* [*www.avodiagnotics.com*](http://www.avodiagnotics.com) *to access the sample data sheet for your specific need and location*. | | | | | | | | | | | Dielectric Breakdown (ASTM D1816) | | | | | | | | | | | Flash Point (ASTM D92) | | | | | | | | | |
| 1mm  2mm | | | | | | | | | | | Microscopic Evaluation (AVO Diagnostics) | | | | | | | | | |
| 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) | | | | | | | | | |