

UNITED TRANSFORMER OIL IHT

Product Description

Transformer Oil premium quality insulating oil blended from highly refined base oils with corrosion inhibitors. This product is designed to meet the exacting requirements of major electric equipment manufacturers. They also exhibit excellent oxidation stability and high resistance to deposit formation. This ensures long service life with minimal maintenance. Service life of the oils and electric units is lengthened by removal of corrosive sulphur, which can be extremely damaging to the transformers. This insulating oil meets and exceeds the toughest demands on dielectric strength when stored and handled correctly.

This product is excellent for use in transformers, circuit breakers, and rheostat and other electric apparatus.

Applications / Benefits

- * High dielectric strength
- * Excellent cooling properties
- * High oxidation stability and resistance to deposit formation
- * High flash point and chemical stability

Typical Characteristics

| Test Description | Method | Unit | |
|---|--------------|----------|--------|
| Density @ 20 °C | ASTM D 4052 | g/ml | 0.868 |
| Flash Point | ASTM D 92 | °C | 147 |
| Kinematic Viscosity @ 40°C | ASTM D 445 | cSt | 8.7 |
| Kinematic Viscosity @ -30°C | ASTM D 445 | cSt | 718.0 |
| Breakdown Voltage, Untreated | UNE EN 60156 | kV | >50 |
| Dielectric Loss Factor @ 90°C | ASTM D 93 | °C | <0.001 |
| Oxidation, Maximum Sludge | IEC 61125 | % Weight | <0.03 |
| Oxidation, Dielectric Loss Factor -90°C | IEC 61125 | - | 0.02 |
| Oxidation, Total Acidity | IEC 61125 | mgKOH/g | 0.07 |
| Inhibition | - | - | Yes |

Specifications, Approvals & Recommendations

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|-------|-----------------------|
| * IEC | 60296: ED. 5 2020 |
| * LPS | EDITION MAY, 2020 |
| * TNB | GTS-GSE-TX-SECTION 2A |

Reference No.
G12TRANSFORMERIHTREV0

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