Oxidation Stability of Mineral Insulating Oils

test method

Determines oxidation stability of mineral transformer oils by measuring the amount of sludge and acid formed under prescribed accelerated aging conditions.

oxidation stability bath

- · Conforms to ASTM D2440 specifications
- Digitally controlled temperature control with overtemperature cut-off
- · Six-sample testing capacity

Constant temperature oil bath for testing oxidation stability of mineral insulating oils. Immerses six oil receptacles at the required depth per ASTM specifications at $110^{\circ}C \pm 0.5^{\circ}C$, and controls oxygen flow to each sample at the rate of 1L/h \pm 0.1L/h through six independent flowmeters mounted on a common manifold. Insulated doublewall stainless steel bath has microprocessor temperature control with $^{\circ}C/^{\circ}F$ switchable digital setpoint and display. Operator and equipment are protected by an overtemperature control circuit which automatically interrupts power to the unit when bath temperature exceeds a programmed cut-off point. Order bath thermometer drying tower and catalyst separately.



Conforms to the specifications of: ASTM D2440

Testing Capacity: Six (6) samples Maximum Temperature: 230°F (110°C)

Temperature Control Stability: ±0.09°F (± 0.05°C)

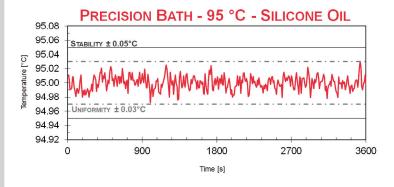
Heater: 1000W

Bath Medium: 7.2 gal (27.2L) white technical oil

Electrical Requirements:

115V 60Hz, Single Phase, 10A 220-240V 50/60Hz, Single Phase, 5A

Dimensions lxwxh,in.(cm.) 22x21.3x21.5 (55.9x54.1x54.6)





K64100 Oxidation Stability Bath

ordering information

catalog no. description

K64100 Oxidation Stability Precision Bath, 115V 60Hz **K64190** Oxidation Stability Precision Bath, 220-240V 50/60Hz

accessories

K12130 Copper Catalyst Coils 332-005-011 Glass Filter Crucible 250-000-95C ASTM 95C Thermometer

355-001-001 White Technical Oil, 1 gal container **355-001-003** White Technical Oil, 5 gal container

