

Copper Corrosion from Lubricating Greases

test method

Measures the tendency of lubricating grease to corrode copper under static conditions. A polished copper strip is immersed in a sample of grease at elevated temperature for a specified period. The strip is examined for corrosion and a classification number from 1-4 is assigned based on a comparison with the ASTM Copper Strip Corrosion Standards.

copper strip tarnish test apparatus

Immersion circulating water bath immerses Copper Strip Corrosion Test jars at the required depth per ASTM specifications. Use for testing lubricating oils and lubricating greases. Fully insulated, double-wall stainless steel construction.

specifications

Conforms to the specifications of:

ASTM D130, D4048; IP 154 FSPT DT-28-65; ISO 2160;

DIN 51759; FTM 791-5309, FTM 791-5325; NF M 07-015

Maximum Temperature: 221°F (105°C)

Temperature Control Stability: $\pm 0.09^\circ\text{F}$ ($\pm 0.05^\circ\text{C}$)

Heater: 1000W

Bath Medium: 7.2 gal (27.2L) water

Electrical Requirements:

115V 60Hz, Single Phase, 10A

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

ordering information

catalog no.	description
K64330	Copper Strip Corrosion Test Tube Bath, 115V 60Hz
K64339	Copper Strip Corrosion Test Tube Bath, 220-240V 50/60Hz
K25308	Test Jar Rack <i>Inserts into the bath to hold 332-004-001 Test Jars</i>
K25080	Copper Test Strip
332-004-001	Test Jar
332-004-002	Viewing Test Tube
K25100	ASTM Copper Strip Corrosion Standards
380-240-001	Silicone Carbide Paper, FEPA Grade, 240 grit
380-150-003	Silicone Carbide Grain, FEPA Grade, 150 grit
K25090	Multi-Strip Polishing Vice
250-000-130F	ASTM 130F Thermometer
250-000-130C	ASTM 130C Thermometer
K460-0-8	Vented Cork



K64330 20-Place Copper Corrosion Test Bath



K25100 and K25080 Strips and Standard

