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ASTM D 943 - D 2274 - D2893

SCOPE:
This test method was developed for, and is used to evaluate the oxidation stability of inhibited steam-turbine oils in the presence of oxygen, water, and copper and iron metals at an elevated temperature.

OXIDATION CHARACTERISTICS OF INHIBITED MINERAL OILS- - TOST CLASSIC -

REF 9416260
MAIN CHARACTERISTICS

Oxidation test apparatus, 8 units, with digital temperature display, opaque magnetic screen, one bath thermometer.
This apparatus is delivered without flowmeter.

STANDARDS KITS AT CHOICE (REQUIRED)

KIT FOR ASTM D 943 - 8 TEST POSITIONS
REF 9416251 Flow meter for 3 L/h air (D 943)
REF 21696 Oxidation cell D 943/D 2893 (8 cells requested)

KIT FOR ASTM D 2274 & D 4310 - 8 TEST POSITIONS

REF 9416252 Flow meter for 3 L/h oxygen (D 2274/D 4310)
REF 21697 Oxidation cell D 2274/D 4310 (8 cells requested)

KIT FOR ASTM D 2893 - 8 TEST POSITIONS

REF 9416253 Flow meter for 10 L/h air (D 2893)
REF 21696 Oxidation cell D 943/D 2893 (8 cells requested)

OPTIONAL ACCESSORIES

REF 21011 Catalyst iron-copper coil (ready to use)
REF 516596 Reel of iron wire catalyst (1 kg)
REF 516597 Reel of copper wire catalyst (20 kg)
REF 941628 Winding fixture for wire catalyst
REF 9416231 Thermometer bracket
REF 9416232 Syringe with sampling tube
REF 9416233 Sampling tube holder

SPARE PARTS – GLASSWARE

REF 19347 Test container
REF 19348 Mushroom condenser (D 943)
REF 19349 Oxygen delivery tube
REF 19351 Mushroom condenser (D 2274/D 4310)

SPARE PARTS - BATH

REF 9417905 Pt 100 probe (250x5 mm)
REF 11522 ASTM thermometer 40C
REF 9416239 Heating element (1000W)

APPARATUS FOR FILTERABLE INSOLUBLES (ASTM D 2274/D 4310)
REF 27530 Filter 0.8mm/diam. 47mm (D 4310)
REF 28695 Vacuum pump 34 L/min (D4310)
REF 30293 Filter assembly (D4310)

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