

OXIDATION

CORROSIVENESS AND OXIDATION STABILITY OF OILS

ASTM D4636 CORROSIVENESS AND OXIDATION STABILITY OF HYDRAULIC OILS, AIRCRAFT TURBINE ENGINE LUBRICANTS, AND OTHER HIGHLY REFINED OILS

This test method covers the testing of hydraulic oils, aircraft turbine engine lubricants, and other highly refined oils to determine their resistance to oxidation and corrosion degradation and their tendency to corrode various metals. Petroleum and synthetic fluids may be evaluated using moist or dry air with or without metal test specimens.

ASTM D5968 EVALUATION OF CORROSIVENESS OF DIESEL ENGINE OIL AT 121°C

This test method is used to test diesel engine lubricants to determine their tendency to corrode various metals, specifically alloys of lead and copper commonly used in cam followers and bearings

ASTM D6594 EVALUATION OF CORROSIVENESS OF DIESEL ENGINE OIL AT 135°C

This test method covers testing diesel engine lubricants to determine their tendency to corrode various metals, specifically alloys of lead and copper commonly used in cam followers and bearings

6 positions dry bath. Stainless steel structure with aluminum block with 6 holes for sample tubes, one digital thermoregulator PID with overtemperature alarm, 6 digital thermometers with 6 thermocouples for the sample tube, 6 flowmeters for air 10 l/h with relative valves of regulation, support for glasswares.

Technical specifications:

- Temperature: from ambient to 400°C (752°F)

- Stability: ±0.5°C

- Power supply: 230V ±10% 50/60Hz

- Power: 6000W

- Dimensioni: 86x32x120 cm

- Weight: 54 kg

1990 STABILITY OXIDATION AND CORROSION BATH



CONSUMABLES x 2 YEARS

10-1992	SQUARE SHAPED METAL SPECIMENS x4
10-1993	WASHER SHAPED METAL SPECIMENS x4
10-1994	SQUARE METAL SPECIMENS x4
0-1997	SQUARE METAL SPECIMENS x4
10-1441/L	SILICON CARBIDE PAPER 240 GRIT, x4
10-1441/O	SILICON CARBIDE GRAINS 150 MESH, x2
10-1441/Q	SILICON CARBIDE PAPER 400 GRIT, x4
10-1996	ALUMINUM OXIDE PAPER 240 GRIT. x4

SPARE PARTS

15-1991/AT	AIR TUBE
15-1991/C	ALLIHN CONDESER
15-1991/ST	MAIN SAMPLE TUBE
15-1991/STH	SAMPLE TUBE HEAD
15-1991/D	SPACERS, pack of 6 pcs
14-1990/B	BATH THERMOCUPLE
14-1990/T	TEST TUBE THERMOCUPLE

ACCESSORIES ON REQUEST

10-1991 SAMPLE TUBE
Consisting of: main sample tube, air tube, Allihn condenser, 6x borosilicate glass spacers and sample tube head with 3 holes: one for air tube, one for condenser and one for thermocouple

For ASTM D4636

10-1992 SQUARE SHAPED METAL SPECIMENS
Consisting of: copper, steel grade 1010, aluminum alloy 2024, magnesium and cadmium

10-1993 WASHER SHAPED METAL SPECIMENS
Consisting of: titanium, magnesium, steel M50, steel grade 1010, silicon-iron-bronze, silver, aluminum alloy 2024

1220 CENTRIFUGE

10-1222 BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs
For 10-1225 and 10-1226, made of aluminum, included Polyurethane support for tube

10-1225 CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs
100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

10-1441/L SILICON CARBIDE PAPER 240 GRIT, pack of 50 pcs

10-1441/O SILICON CARBIDE GRAINS 150 MESH, pack of 1 kg

10-1441/Q SILICON CARBIDE PAPER 400 GRIT, pack of 50 pcs

2470/BCA250 ANALYTICAL BALANCE
Range 250 g., readout 0.0001, pan Ø80

2470/EL3000 ELECTRONIC BALANCE
Range 3000 g., readout 0.01, pan Ø130

For ASTM D5968

10-1997 SQUARE METAL SPECIMENS
Set of 4 metals: copper, lead, tin, phosphor bronze

10-1996 ALUMINUM OXIDE PAPER 240 GRIT, pack of 50 pcs

10-1441/Q SILICON CARBIDE PAPER 400 GRIT, pack of 50 pcs

2470/BCA250 ANALYTICAL BALANCE
Range 250 g., readout 0.0001, pan Ø80

2470/EL3000 ELECTRONIC BALANCE
Range 3000 g., readout 0.01, pan Ø130

For ASTM D6594

10-1994 SQUARE METAL SPECIMENS
Set of 4 metals: copper, lead, tin, phosphor bronze

10-1995 HANGER
Made of stainless steel

10-2574 SIRYNGE
100 ml, needle L=100 mm

10-1996 ALUMINUM OXIDE PAPER 240 GRIT, pack of 50 pcs

10-1441/Q SILICON CARBIDE PAPER 400 GRIT, pack of 50 pcs