OXIDATION STABILITY - MINERAL INSULATING OIL

ASTM D2440 IP 307 (obs) ISO 7624 OXIDATION STABILITY OF MINERAL INSULATING OIL

This test method determines the resistance of mineral transformer oils to oxidation under prescribed accelerated aging conditions. Oxidation stability is measured by the propensity of oils to form sludge and acid products during oxidation. This test method is applicable to new oils, both uninhibited and inhibited, but is not well defined for used or reclaimed oils

IP 48 DETERMINATION OF OXIDATION CHARACTERISTICS OF LUBRICATING OIL

This method indicates the tendency of a lubricating oil to deteriorate on oxidation under specified conditions

IP 280 PETROLEUM PRODUCTS AND LUBRICANTS - INHIBITED MINERAL TURBINE OILS - DETERMINATION OF OXIDATION STABILITY

This International Standard specifies a method for the determination of the resistance to oxidation under specified conditions of unused inhibited mineral turbine oils. The method is also applicable to other types of oil, such as hydraulic oil.

IP 306 DETERMINATION OF OXIDATION STABILITY OF STRAIGHT MINERAL OIL

This method is designed to give a measure of the tendency of straight (i.e. plain) mineral lubricating oil to oxidise under specified conditions

IP 335 (obs) STABILITA' ALL'OSSIDAZIONE DEGLI OLI MINERALI ISOLANTI INIBITI

EN 61125-A TEST FOR EVALUATING THE OXIDATION STABILITY OF UNUSED UNINHIBITED MINERAL INSULATING OIL

EN 61125-B TEST FOR EVALUATING THE OXIDATION STABILITY OF UNUSED INHIBITED MINERAL INSULATING OILS BY MEASUREMENT OF THE INDUCTION PERIOD.

EN 61125-C TEST FOR EVALUATING THE OXIDATION STABILITY OF UNUSED HYDROCARBON BASED INSULATING LIQUIDS UNDER ACCELERATED CONDITIONS REGARDLESS OF WHETHER OR NOT ANTIOXIDANT ADDITIVES ARE PRESENT

6-positions oil bath with double bottom. Stainless steel structure with insulation double wall, cover with 6 holes. support for the flowmeters and absorption tubes. Temperature regulation by digital thermoregulator PID with PT100 probe class A and overtemperature alarm, stainless steel heater, motor stirrer, safety internal level for low liquid with warning lamp, drain cock Technical specifications:

- Temperature: from ambient to 210°C (410°F)

- Stability: ±0.1°C

- Power supply: 230V ±10% 50/60Hz

- Power: 2400W

- Dimensions: 60x57x52 cm

- Weight: 35 kg

1980 OXIDATION STABILITY BATH

1980/S/4 OXIDATION STABILITY DRY BATH (4 POSITIONS)

With aluminum block dry model, 4 positions Technical specifications:

- Temperature: from ambient to 210°C (410°F)

- Stability: ±0.5°C

- Power supply: 230V $\pm 10\%$ 50/60Hz

1980/S/8 OXIDATION STABILITY DRY BATH (8 POSITIONS)

With aluminum block dry model, 8 positions Technical specifications:

- Temperature: from ambient to 210°C (410°F)

- Stability: ±0.5°C

- Power supply: 230V ±10% 50/60Hz

- Power: 1900W

- Dimensions: 45x45x52 cm

- Weight: 45 kg





OXIDATION

ACCESCADATES ON DECLIFICE		
ACCESSORIES ON REQUEST		
10-1980	OXIDATION/ABSORPTION TUBE	
	Borosilicate glass Ø26x210 mm with	
	Drechsel head and inlet tube 24/29 ground joint	
	The test mehod "B" and "C" required two	
	oxidation tube	
10-1981	CONNECTION SET	
	For connections the oxidation tube and	
	absorption tube and flowmwter. Consisting of:	
	3 m silicone tube and 10 glass tubing.	
10-1983	FLOWMWTER 0.6-4 I/h	
10 1505	For oxygen at 1 l/h	
	For methods:	
	ASTM D2440, IP 280, IP 306, IP 307, IP 335,	
	EN 61125-A EN 61125-B	
10 1001		
10-1984	FLOWMETER 0.1-1.55 l/h	
	For air at 0.15 l/h	
	For method:	
	EN 61125-C	
10-1985	FLOWMETER 2.5-25 I/h	
	For air at 15 l/h	
	For method:	
	IP 48	
10-1987	SOAP BUBBLE FLOWMETER	
	Graduated from 0 to 10 ml	
10-1928	REDUCER MANOMETER FOR O ₂	
	Cylinder fitting	
10-1929	REDUCER MANOMETER FOR AIR	
10 1525	Primary 0-250 bar, reducer 0-1 bar	
10-1988	COPPER CATALYST, pack of 5 pcs	
10-1900	L=3 m., (not necessary for IP 48)	
10 1441/D	SILICON CARBIDE ABRASIVE CLOTH 100 GRIT,	
10-1441/P		
10 1000/0	pack of 25 m (not necessary for EN 61125)	
10-1988/P	SILICON CARBIDE ABRASIVE CLOTH 220 GRIT,	
	pack of 25 m (not necessary for EN 61125)	
10-0371/20	SILICONE OIL 20 cSt pack of 25 kg	
	For temperature from ambient to 120°C (248°F)	
10-0371/50	SILICONE OIL 50 cSt, pack of 25 kg	
	For temperature from 100°C (212°F) to 200°C	
	(392°F)	
10-1986	PORCELAIN CRUCIBLE, pack of 5 pcs	
	50 ml	
10-BUR/10	BURETTE	
I '	10 ml., div.0.01 ml.	
10-1989	FILTER FUNNEL	
	125 ml.	
2470/BCA200		
2 17 07 207 1201	Range 220 g., readout 0.0001, pan Ø80	
10-0332	DIGITAL STOPWATCH	
10 0332	7 digit LCD, max.10 hours, 1/100 sec,	
	digit h=8 mm	
T-IP22C		
1-14-75	THERMOMETER IP22C	
T 4505	For method IP 48	
T-AS9C	THERMOMETER ASTM 9C IP 15C	
L	For method IP 280, IP 307, IP 335	
T-AS40C	THERMOMETER ASTM 40C IP 80C	
I	For method IP 307, IP 335, EN 61125-A,	
T-AS41C	THERMOMETER ASTM 41C IP 81C	
I	For method ASTM D2440, IP 280, IP 306,	
I	IP 335, EN 61125-B, EN 61125-C	
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ı	CONSUMABLES x 2 YEARS	
ı	10-1988	COPPER CATALYST, pack of 5 pcs x4
ı	10-1441/P	SILICON CARBIDE ABRASIVE CLOTH 100 GRIT,
ı		pack of 25 m x2
ı	10-1988/P	SILICON CARBIDE ABRASIVE CLOTH 220 GRIT,
ı		pack of 25 m x2

SPARE PAR	TS
15-1980/P	OXIDATION/ABSORPTION TUBE
15-1980/D	DRECHSEL HEAD
	With inlet tube
14-0002	PROBE PT100A
11-0016	HEATER (for oil bath)
11-1980/S	HEATER (for dry bath)
16-0005	DIGITAL THERMOREGULATOR
15-0015	STATIC RELAY
15-0004	BIPOLAR GREEN SWITCH
15-0005	BIPOLAR YELLOW SWITCH
12-0001	MOTOR STIRRER