



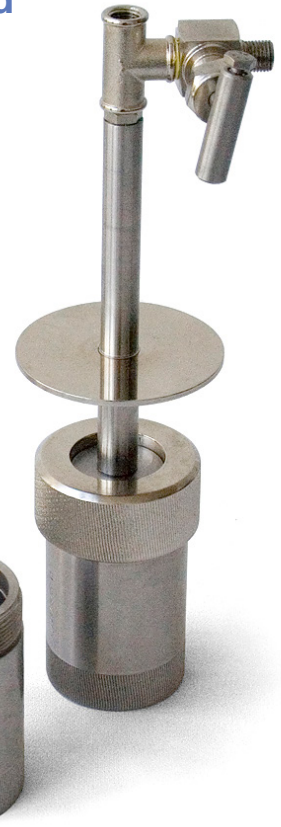
## Oxidation Stability of Greases Oxygen Pressure Vessel Method



LT/OS-202000-B/M



LT/OS-202000/M



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ASTM D942  
DIN 51808  
IP 142

**Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method**  
This test method determines resistance of lubricating greases to oxidation when stored statically in an oxygen atmosphere in a sealed system at an elevated temperature under conditions of test.

### Art. LT/OS-202000/M Oxidation Cylinder ASTM D942

- Polished stainless steel 18/8
- Capacity 185 ml
- Oxygen inlet stem connected to a cover through a suspension flange of the bath
- O-ring gasket
- Screw-top closure
- Tested to 180 psi
- 1/4" joint for pressure gauge connection

### Art. LT/OS-202000-B/M Oxidation Stability Bath for ASTM D942 - IP 142

- Structures in stainless steel inox with double wall insulation
- Cover with two holes for the passage of the bombs
- Heater in stainless steel
- Digital thermoregulator with over-temperature alarm and probe PT100
- Safety thermostat with warning lamp
- Working temperatures: ambient ... 150°C
- Power supply 220 Vac  $\pm$ 10% 50/60 Hz

### Accessories

- LT/AB-2470/BCA200: analytical balance
  - capacity: 210 g
  - readability: 0.1 mg
  - linearity:  $\pm$  0.2 mg
  - repeatability:  $\pm$  0.05 mg
  - response time: 6/10 sec.
  - pan diameter: 80 mm
  - calibration: internal
- LAB-100-371/50: silicone oil, can of 25 litres
- LAB-102-001-DPS-RF-300: digital manometer with record functions
  - autonomous battery powered instrument with digital display designed to record pressure and temperature over long periods
  - application 0 ... 300 psi
  - resolution 1 psi
  - supply 3,6 V lithium battery, type SL-760
  - all standard instruments are calibrated in bar; the pressure can be indicated in the following units: bar, mbar/hPa, kPa, MPa, PSI, kp/cm<sup>2</sup>, (m)H<sub>2</sub>O
  - supplied with UBS converter
- LAB-102-013: junction O<sub>2</sub>
- LAB-102-021: sample dish in Pyrex®, Ø 41 mm, pack of 5 pcs.
- LAB-102-022: pressure gauge scale 0-160 psi, div. 0.5
- LAB-102-025: dish holder, 5 places in stainless steel
- T-AS22C: thermometer ASTM 22C
- T-AS22F: thermometer ASTM 22F

### Spare parts for oxidation pressure vessel

- LAB-102-021: sample dish in Pyrex®, Ø 41 mm, pack of 5

### Spare parts for bath

- LAB-110-012: heater
- LAB-160-014: digital thermoregulator
- LAB-140-001: probe PT100
- LAB-150-015: static relay
- LAB-100-371/50: silicone oil can of 25 litres