



Oil Separation from Lubricating Grease



LT/GS-203128/M



LT/GS-203118/M



LT/GS-203300/M



LT/GS-203200/M

ASTM D1742 - ASTM D6184 FTM 791-321 IP 121

ASTM D1742 - Oil Separation from Lubricating Grease During Storage.

This test method covers the determination of the tendency of a lubricating grease to separate oil during storage in both normally filled and partially filled containers.

ASTM D6184 - Standard Test Method for Oil Separation from Lubricating Grease (Conical Sieve Method)

This test method covers the determination of the tendency of lubricating grease to separate oil at an elevated temperature. This test method shall be conducted at 100°C for 30 h unless other conditions are required by the grease specification.

FTM 791-321 - Determination of the Tendency of Lubricating Grease to Separate Oil at an Elevated Temperature.

IP 121 - Determination of Oil Separation from Lubricating Grease - Pressure Filtration Method.

Art. LT/GS-203118/M Greases Separation Apparatus, 4 places ASTM D1742

- 4 oil separation test cells (Type A or B to be specified in case of PO)
- Pressure gauges
- Pressure reducer
- Control valves
- Connection tubes
- 4 glass beakers 20 ml
- Support with 4 outlet collector for air distribution, 4 regulating valves, vacuum stabilizer, pressure reducer manifold, air inlet vacuum manometer up to 400mBar, outlet vacuum manometer up to 40mBar

- Bench top ceramic glass heating plate with stainless steel case with a working temperature of up to 100°C, suitable for the accommodation of up to 4 test cells
- Two independent control thermostat for over temperature protection
- Power supply 230 Vac 1400 W
- Vacuum pump 300 Lt/h, max pressure/ vacuum 300 mBar 230 Vac 50 Hz

Art. LT/GS-203128/M Greases Separation Apparatus with Climatic Chamber, 4 places - ASTM D1742

- 4 oil separation test cells (Type A or B to be specified in case of PO)
- Pressure gauges
- Pressure reducer
- Control valves
- Connection tubes
- 4 glass beakers 20 ml
- Support with 4 outlet collector for air distribution, 4 regulating valves, vacuum stabilizer, pressure reducer manifold, air inlet vacuum manometer up to 400 mBar, outlet vacuum manometer up to 40 mBar
- Bench top instrument suitable for the accommodation of up to 4 test cells
- Climatic chamber in painted stainless steel with polycarbonate door
- Digital P.I.D. Thermostat to ensure good stability
- Temperature range from +5°C above room temperature to +50°C accuracy to ±1°C to +37°C
- Display precision ±0,1°C
- Forced ventilation
- Heating elements are not in contact with internal chamber but are in an ante-chamber to guarantee uniform heating
- Power supply 230 V 50 Hz 450 Watt
- Vacuum pump 300 Lt/h, max pressure/ vacuum 300mBar 230 Vac 50 Hz

Art. LT/GS-203200/M Greases Separation Apparatus - IP 121

- Couple with 240 mesh filter cone located at the bottom
- Metallic weight 100 gr
- Oil container

Art. LT/GS-203300/M Greases Separation Apparatus ASTM D6184, FTM 791-321

- Stainless steel cone with 60 mesh filter
- Glass 200 ml with levelled edge
- Cover fitted with gasket
- Crane hook for the cone

Accessories for Art. LT/GS-203118/M and Art. LT/GS-203128/M

- LT/AB-2470/BC400: analytical balance
- LAB-102-032: complete cell type B
- LAB-102-033: pump

Spare Parts for Art. LT/GS-203118/M and Art. LT/GS-203128/M

- LAB-102-031: complete cell type A
- LAB-102-032: complete cell type B
- LAB-102-031/A: filter for cell type A
- LAB-102-031/B: beaker 20 ml
- LAB-102-031/C: limit cylinder
- LAB-102-031/D: filter for cell type B

Spare Parts for Art. LT/GS203200/M

- LAB-152-032/A: cone with mesh
- LAB-152-032/B: oil container
- LAB-152-032/C: weight 100 gr

Spare Parts for Art. LT/GS-203300/M

- LAB-102-033/A: cone with filter
- LAB-102-033/B: beaker
- LAB-102-033/C: cover