

Water Resistance of Lubricating Greases under Static Conditions (manual)

DIN 51807-1

Product group(s): Grease

User group(s): Grease

Scope: This method covers the evaluation of water resistance of lubricating greases under static conditions. Resistance against distilled water is classified in a step system.

Water Resistance Test Equipment

More details are mentioned in the "Order Number" section



Main Unit

17-0470 Water Resistance Apparatus
DIN 51 807-1

Consisting of:

constant temperature bath, made of stainless steel, equipped with a thermostat for temperature control in the range of ambient temperature to up to 100 °C, low level and excess temperature protection, bath thermometer -20 ... +102 °C, and bath covering plate with openings for max. 6 test tubes (incl. 6 lids)

Supplied with:

1 pack of 10 test tubes and
4 test tube holders,
3 packs of 10 each glass strips,
4 metal gauges with a 10 by 100 mm window
1 holding device for glass strips and metal gauge

Power supply: 230 V, 50/60 Hz
(Other voltages available upon request)

Spare Parts

17-0481 Glass Strips, 15 x 190 mm, pack of 10

17-0482 Metal Gauge with a 10 x 100 mm window

17-0483 Test Tubes, pack of 10

17-0484 Test Tube Holder

21-0721 Cover for bath opening with Ø 51 mm

25-0602 Heating Element DP, 2000 W, 230 V

13-0715 Thermometer ASTM 12C / IP 64C

Range: -20 to +102 : 0.2 °C
Length: 420 mm, Immersion: total, Ø 7 mm

Order Guideline

Minimum equipment: 1x 17-0470
Spares (approx. 1 year): 17-0481, 17-0483, 13-0715
Additional requirements: