

Resistance of Lubricating Grease to Water Spray

ASTM D 4049

Product group(s): Grease

User group(s): Lubricating Grease

Scope: This test method covers the ability of a grease to adhere to a metal surface when subjected to a water spray under prescribed laboratory conditions.



Resistance Test Equipment

More details are mentioned in the "Order Number" section

Technical Data

<u>Pressure Gauge:</u>	0 - 60 psi
<u>Temperature Stability:</u>	± 0.5 °C (±1 °F)
<u>Dimension (W x D x H):</u>	74 x 46 x 85 cm
<u>Weight:</u>	50 kg

Main Unit

17-0465	Water Spray Apparatus ASTM D 4049
	meeting ASTM specifications, including spray chamber, delivery system and constant temperature reservoir. Sprays water at the specified rate and temperature on a test panel coated with sample grease.
	<u>Water spray system:</u> Consisting of: 1/3 hp positive displacement pump; spray nozzle with snubber fitting; 0 - 60 psi pressure gauge; bypass valve; shut-off and drain valves; and flexible high pressure water lines. Hinged acrylics chamber housing to insure watertight operation.
	Two thermometers wells permit separate monitoring of reservoir and water spray temperatures. Standardized grease application fixture coats test panel with the required thickness of sample grease.
	Power supply: 220/240 V, 50 Hz

Options & Accessories

11-0085	Thermometer ASTM 37C / IP 77C Range: -2 to +52 : 0.2 °C Length: 395 mm, Immersion: 100 mm, Ø 7 mm
11-0086	Thermometer ASTM 37C / IP 77C Range: -2 to +52 : 0.2 °C (officially certified)

Spare Parts

17-0466	Test Panel made of stainless steel
17-0467	Grease Application Fixture
17-0468	Spare Belt
17-0469	Spare Heater

Order Guideline

Minimum equipment:	1x 17-0465
Spares (approx. 1 year):	Thermometer
Additional requirements:	Uses tap water, does not require water hook-up