846

Carbon Conductive Grease



846 is an economical carbon conductive grease that lubricates, reduces contact resistance, repels moisture, inhibits corrosion, and prevents static buildup.

Because of its high electrical conductivity, low cost, and ease of use, 846 is an ideal grease for electrical connections in applications like RVs house battery terminals, ground connections, rotating connections, rotary switches, variable capacitors, roller inductors, roller bearings, slip rings, slide connectors and potentiometers.

Features & Benefits

Improves electrical connections between irregular, pitted or corroded surfaces

Ensures electrical contact between loose or vibrating parts

Prevents arcing, pitting, hotspots and welds

Reduces mechanical wear

Inhibits corrosion

Storage and Handling

Store between 0 and 27 ˚C in a dry area, away from sunlight (see SDS).

Available Packaging

Part #	Packaging	Net Vol.	Net Wt.
846-80G	Tube	76.2 mL	80 g
846-1P	Jar	495 mL	520 g
846-3.78L	Pail	3.78 L	3.97 kg
846-18.9L	Pail	18.9 L	19.8 kg

Properties

Color	Black	—
Filler	Carbon	—
Base Material	Silicone oil	—
Density	1.1 g/mL	ASTM D1475
Viscosity @ 25 °C	81 Pa·s	Brookfield Engineering labs Inc. IPCTM-65- Method 2.4.24.4
Resistivity	63 Ω·cm	GUIDE ENG V02
Evaporation Loss, 22 h @ 165 °C	2.6%	ASTM D2595
Oil Separation, 30 h @ 165 °C	0.4%	ASTM D6184
Dropping Point	>304 °C	ASTM D2265
Worked Penetration, ½ scale	269	ASTM D1403
Water Washout @ 38 °C Bearing Dried @ 77 °C	1.3%	ASTM D1264
Rust Preventive, 48 h @ 52 °C Bearing A Bearing B and C	Fail Pass Fail	ASTM D1743
Emcor Rust Test, DI Water Bearing A	1	IP 220
Service Temperature Range	-50–200 °C	—
Shelf Life	5 y	—

Disclaimer: This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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