

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

Available Packaging

Cat. No.	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

Storage and Handling

Store between 0 and 30 °C in a dry area, away from sunlight (see SDS).

Properties

Color	Black
Filler	Carbon
Base Material	Silicone oil
Density	1.1 g/mL
Viscosity	80.3 Pa·s
Resistivity	63 Ω·cm
Evaporation Loss, 22 h @ 165 °C	2.6 %
Oil Separation, 30 h @ 165 °C	0.4 %
Dropping Point	>304 °C
Worked Penetration, ½ scale	269
Water Washout @ 38 °C, Bearing Dried @ 77 °C	1.3 %
Rust Preventive, 48 h @ 52 °C	Fail
Bearing A	Pass
Bearing B and C	Fail
Emcor Rust Test, DI Water	
Bearing A	1
Service Temperature Range	-50–200 °C

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.