



## Electric Switch Contact Black Grease

### PRODUCT DESCRIPTION

Bel-Ray® Electric Switch Contact Black Grease, commonly known as Bel-Ray 64982 Grease, is a mineral oil in non-melting gel system with a combination of moly and PTFE. The exceptional low frictional properties and load carrying abilities of Electric Switch Contact Black Grease are derived from its unique combination of moly and PTFE. Electric Switch Contact Black Grease delivers exceptional performance on sliding surfaces and thread applications. Effective over a broad temperature range for the most difficult sliding applications, it prevents seizing, galling and minimizes friction. Throughout its useful temperature range, there is no oil separation and evaporation. On threaded surfaces, its use will result in break-away torque, a positive measure of its effectiveness.

### PRODUCT FEATURES

- Organo-clay thickener
- Contains moly and PTFE
- Contains rust and corrosion inhibitors
- Mechanically stable

### BENEFITS

- High dropping point for superior retention properties and reduced oil separation
- Reduces friction and wear
- Prevents rust and corrosion protecting components and extending their life
- Will not soften and run out

### APPLICATIONS

- Electric switches and components
- Hinges, sliding tracks, and rod guides
- Ways
- Plastic cams



## PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 2
Thickener Type		Organo-Clay
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	275
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	96.8
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	10.9
Dropping Point, °C (°F)	ASTM D2265	>260 (>500)
Mechanical Stability, Penetration Change After 10,000 Strokes (%)	ASTM D217	7
Lubricating Solids Type		MoS <sub>2</sub> and PTFE
Useful Temperature Range, °C (°F)		-29 to 260 (-20 to 500)
Color		Black

## HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at [www.belray.com](http://www.belray.com)

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