



PRODUCT DATA SHEET



ELECTRIC SWITCH CONTACT BLACK GREASE

Electric Switch Contact Black Grease, commonly known as Bel-Ray 64982 Grease, is a non-melting, anti-seize paste. 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. On threaded surfaces, its use will result in break-away torque, a positive measure of its effectiveness.

Applications

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| ◆ Electric switches and components | ◆ Ways |
| ◆ Hinges | ◆ Plastic cams |
| ◆ Sliding track | ◆ Rod guides |

Features and Benefits

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| ◆ Organo-clay thickener | High dropping point for superior retention properties and reduced oil separation. |
| ◆ Contains moly and PTFE | Reduces friction and wear. |
| ◆ Contains rust and corrosion inhibitors | Prevents rust and corrosion protecting components and extending their life. |
| ◆ Mechanically stable | Will not soften and run out. Excellent retention properties |

General Description

Electric Switch Contact Black Grease contains a high level of low friction solid lubricants, molybdenum disulfide or moly and PTFE, that reduce sliding friction, carry heavy loads and prevent seizing. **Electric Switch Contact Black Grease** virtually eliminates wear and stick-slip when used on sliding plastic parts. **Electric Switch Contact Black Grease** is mineral oil in non-melting gel system with a combination of moly and PTFE. This permits its use for long-term exposure to moderately elevated temperatures and short or intermittent temperatures up to 260°C (500°F). Throughout its useful temperature range, there is no oil separation and evaporation.

Product No. 301216

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TYPICAL PROPERTIES

<u>Product No.</u>	<u>301216</u>
<u>Old Product No.</u>	<u>54850</u>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	275
Mechanic Stability, ASTM D217 Penetration change after 10,000 Strokes, %	7
Thickener Type	Organo-clay
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	96.8
@ 100°C, cSt	10.9
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	505
@ 210°F, SUS	63.5
Dropping Point, ASTM D2265 °C	>260
(°F)	(>500)
Lubricating Solids Type	MoS ₂ and PTFE
Useful Temperature Range °C	-29 to 260*
(°F)	(-20 to 500*)
Color	Black

*Upper temperature for intermittent or short time only.