

## MOSIL EC - 511

### Electrical Contact Grease

A synthetic Electrical Contact grease specially formulated to provide extended contact life under moderate to heavy mechanical load by protecting the contacts from frottage corrosion and wear. It is based on highly stable synthetic oil with no Silicones eliminating problems caused by Silicone Migration. It has excellent penetrating and coating properties, reducing heavy arcing conditions and works very effectively in corrosive industrial environment. Before applying MOSIL EC - 511 the contact part should be cleaned with our SPRAY - 18. *(Plastic compatible cleaner - degreaser)*

### AREA OF APPLICATION

Contactors, Sliding and Rotary Contacts, Any other contact application where possibility of contact resistance built up exists.

### BENEFITS

- ➔ Improves contact reliability.
- ➔ Excellent lubricant for plastic to plastic, plastic to metal and metal to metal components.
- ➔ Protects from wear and corrosion.
- ➔ Chemically inert
- ➔ Extremely low torque

**PACKING:**      1 Kg Jar

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.



## CHARACTERISTICS

## TYPICAL VALUES

1. Appearance	Smooth Synthetic Grease
2. Base	Synthetic / Complex Lithium
3. Colour	Beige to Light Brown <i>(Minor variation in shade has no effect on the lubricating properties of the product)</i>
4. Specific Gravity	0.85 ± 0.1
5. Drop Point	180°C (min)
6. Consistency (NLGI)	# 1
7. Worked Penetration	310 - 340
8. Water Resistance	Excellent
9. Copper Strip Corrosion	Negative
10. Temperature Range	-50°C to 140°C
11. Compatibility	ABS, Polycarbonate, Nylon, Polypropylene, Noryl etc.

*Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.*

*All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.*

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### **Mosil Lubricants Private Limited**

**Technical Services Dept:** "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA  
T: +91 22 2464 0500 /0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com  
Regd Office: 166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177

