

ECG 80 Electrical Contact Grease

Product Features

Formulated with low viscosity base oil thickened with complex soap, ECG 80 is refined by incorporating corrosion-resistant, antioxidant, and metal protection additives. It offers advantages in reducing contact resistance, improving plastic compatibility, and enhancing mechanical lubrication performance. In corrosive environments, ECG 80 excels in providing superior long-term protection for contacts.

Benefits

- Outstanding resistance to harsh environments, effectively protecting contacts from corrosion.
- Excellent electrical performance, making it an ideal choice for high-voltage contacts.
- Generates low and stable millivolt drop and contact resistance, ensuring the reliability of the contacts.
- Provides optimal mechanical resistance, reducing electrical background noise.

Typical Data

Property	Value	Test Method
NLGI Grade	1	ASTM D217
Appearance	White ointment	ASTM D1500
Working Penetration@25°C, 0.1mm	320	ASTM D217
Dropping point@°C	200	ASTM D2265
Corrosion@T2 copper sheet, 100°C, 24h	Pass	ASTM D4048
Evaporation loss@100°C, 7days, %	0.43	ASTM D972

Typical data is an average value and is for reference only, and the specific value may vary due to each test condition or customer requirements.

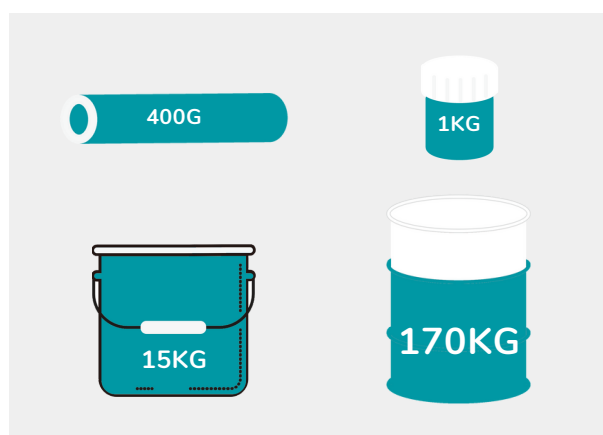
Applications

- Suitable for lubrication in high-quality audio and automotive starters/ignition systems.
- Applicable in high-pressure environments, effectively protecting against the adverse conditions that may lead to corrosion.
- Operating temperature range: $-35 \sim 130^{\circ}\text{C}$

Product Storage

- Store indoors or under shelter to avoid intrusion of rain or humid air; outdoor storage is prohibited.
- Prevent erosion of the outer label of the package. When the outer label is damaged and the product name cannot be confirmed, it is not recommended to continue to use it.
- Products should not be stored at temperatures above 60°C or in severe cold, and should not be exposed to strong light.
- Store unopened in a cool environment below 20°C . The shelf life is 60 months from the date of manufacture.

Packaging Specifications



Usage Restrictions

- The product is harmless to health and safety when used correctly, and will not cause adverse effects when used, refilled and discarded in accordance with industry and hygienic standards in a correct and reasonable manner.
- Care should be taken that used products contain potentially harmful contaminants and prolonged or repeated skin contact with used oils of any type and form must be avoided.
- This product has not been tested or stated to be suitable for medical or pharmaceutical use.

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**"LUBRICATION PROTECTION
UNDER HARSH CONDITIONS"**