



JETEXINDIA

JETEX EC-424 GREASE

ELECTRICAL CONDUCTIVE GREASE

Technical Data Sheet

Product Description

JETEX EC-424 grease is a specially formulated, highly conductive lubricant cum protective agent for maintenance free lubrication of electrical contacts and linkages in high and low voltage electrical transmission equipment. It does not harden even after long-term exposure to high temperatures and exhibits excellent high temperature oxidation resistance and protection to electrical contacts from weathering influences such as corrosion and moisture. It forms a wear reducing, heat dissipating lubricating film between surfaces to increase life of contacts and equipment.

Benefits

- Highly conductive and suitable for transmission of electricity at high or low voltages
- Prevents corrosion and preserves contacts even at high temperatures or heat
- Withstands severe arcing
- Preserves contacts at high temperatures
- Permits minimum voltage drop across contacts
- Highly oxidation stable
- Very good conductor of heat and electricity
- Maintains a solid lubricating film over the surface and prevents premature wearing of contacts • Increases life of contacts

Properties

Type	Conductive grease
Appearance	Smooth grease
Base	Synthetic oil
Thickener	Inorganic
Color	Black
Odor	Nil
Specific gravity, g/cc	0.95 - 1.0
Drop point, °C	None
Temperature range	-20°C to 300°C
Penetration, worked	275-325
NLGI Class	2-1
Water Resistance	Resistant
Copper strip corrosion	1a, nil

Applications

- Lubrication of electric powered contacts at high and low voltages.
- Electrical contacts and linkages in precision engineering and circuit breakers (up to 33kV).
- Contacts and equipment under corrosive atmospheres such as battery terminals, switches, sliding contacts, relays, mechanical controllers, interrupters, plug sockets, over load tap changers.
- As a heat sink media to facilitate conduction of heat and electricity.

Method of Application

By cloth or brush. Do not mix with any other oils or grease.

Shelf Life

24 months from date of manufacture in sealed condition.

Pack Sizes

1, 5 & 20 kg

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JETEX INDUSTRIES

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