



PRODUCT DATA SHEET

LUBRICOTE-X 43

(Graphite Grease Grade '0' to IS:408/1981 Reaffirmed 2004)

DESCRIPTION:

Lubricote-X 43 is an Anti-corrosive, Anti-seize Graphite based Aluminium Grease specially designed for meeting the hostile environments encountered in rail tracks around the world. Lubricote-X 43 meets the stringent specifications of the Indian Railways specification no.IS:408/1981. This speciality Grease is used for Track applications especially for Elastic Rail Clips (ERC).

ADVANTAGES:

- Excellent Lubrication properties.
- Reduces sliding friction between the ERC and Rail Track.
- Excellent oxidation resistance,
- Prevents corrosive and seizure thereby reduce track maintenance cost.
- Excellent water repellent properties and good adhesiveness on metal surfaces.
- Stable over a wide range of temperatures ranging from -10°C to +55°C.
- Withstands vibrations induced in track.



SPECIFICATONS:

| CHARACTERISTICS | REQUIREMENTS |
|---|---|
| Appearance | Smooth dark grayish black |
| Pigment | Graphite |
| Base soap | Aluminium |
| Moisture and Volatime Matter, max. | 1.0% |
| Penetration of worked material at 25±0.5°C (60 double storkes) | 300-350 |
| Drop Point, min. | 88°C |
| Ash % by mass, max. | 2.0% |
| Copper strip corrosion test at 75°C for 24 hrs. | Negative |
| Oil separation, at 25°C for 168h, % by mass, max. | 5.0% |
| Graphite Flake content, % by mass, min. | 6.0% |
| Inorganic Acidity | Shall pass the test |
| Resistance to breakdown or tendency of the constituents to separate | Shall pass the test |
| Packing | In 200 kg non-returnable containers |
| Shelf life | One Year from the date of manufacturing in sealed condition |

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