

Guardex EM 2

High Temperature- High Speed Grease



Multi purpose High temperature high speed **polyurea** grease.

PRODUCT SPECIFICATION

Meets the requirements of

- DIN 51 502: K2R-20
- ISO 6743-9: L-XBFEA-2

APPLICATIONS

- **Guardex EM 2** is a shear-stable polyurea grease with excellent extreme-pressure and load-carrying characteristics specially designed for lubrication of electrical motor bearings, Pump bearing, ID fan bearing of boiler where NDN factor of bearing is >4,00,000.
- **Guardex EM 2** is suitable for lubrication of bearings, slides, racks subjected to high temperatures in dry and mildly humid environments, bearings of electric motors, generators, bearings of extraction fans for hot gas or steam, bearings of dryers, pumps, oven conveyors, and all other applications where rotation speeds and temperatures are high.
- The proprietary polyurea thickener system exhibits excellent resistance to oxidation and oil separation at operating temperatures as high as 180°C. With its outstanding high-temperature oxidation stability, load-carrying capability, shear stability, water resistance and wide operating temperature range, **Guardex EM 2** is excellent multi-purpose grease for a wide array of industrial and construction applications.

ADVANTAGES

- Very good stability in application and in storage.
- Allows long re-lubrication intervals.
- Can be easily pumped and injected.
- Excellent antirust and anticorrosion properties.
- Very good adhesion to metals.
- Excellent thermal stability linked with excellent reversibility.
- It does not contain lead, or other heavy metals considered harmful to human health and the environment.

Test Parameter	Test Method	Value
Appearance	Visual	Smooth
Color	Visual	Green
Thickener		Polyurea
NLGI Grade	ASTM D217	2
Operating Temperature Range		-25 to 180 Celsius
Penetration at 25°, 0.1 mm	ASTM D217	265 – 295
Dropping Point	ISO 6299	> 270 Celsius
Rust Test, EMCOR	ISO 11007	0-0

