HY LEC MX

ELECTRIC MOTORS BEARING GREASE

Proper lubrication of ball and roller bearings in electric motors is essential to their health. Grease reduces friction and protects the surface finish from rust during long idle periods and in unfavorable environmental conditions.

It also transfers heat from the bearing and even helps protect the bearing from dirt and contaminants.

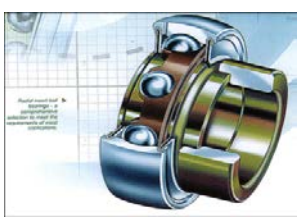
Since bearing life—and, by extension, motor life—depends on proper lubrication, it's important to use the right grease for the application and to re-lubricate bearings at the correct intervals.

Grease is a "dirt magnet," so it's surprising to many that packing it into the cavity around the bearing actually helps keep dirt and other contaminants from getting into this critical component.
On very old motors, lubrication was provided by oil-soaked felt that "wicked" oil to the bearings.

Grease serves this function in today's machines.

Consisting of oil suspended in a base material like lithium, it lubricates the bearing continuously while preventing the oil from leaching out.

- **Ball, Roller and Needle Bearings**
- **High- and Low-Speed Plain Bearings or Conveyers**
- **Cranes**
- **Crushers**
- **Paper Machinery**
- **Pumps Winches**
- **Hammer Mills.**



HY LEC MX is Formulated for use in grease-lubricated plain or rolling bearings operating at temperatures
from **-30°C to 180°C** (continuous rating).

It may also be used for short periods at temperatures of up to 200°C in bearings designed to operate under such conditions.
In such cases, the frequency of relubrication should be increased; operators should contact equipment manufacturers for guidance.

Applications include all types of general industrial machinery, electric motors and machine tools, as well as applications involving higher temperature such as are found in papermaking machinery and oven fans.
is absolutely non-conductive – ideal for a wide variety of electric and electronic applications.

Features exceptional shear stability & oxidation resistance.

has a high penetration margin to ensure outstanding and long-lasting performance.

- Is highly resistant to water and wash-out.
- Provides effective long-lasting lubrication.
- Has a high melting point due to lithium soap content made from selective fatty materials, quality mineral oil and highly effective oxidation, corrosion and rust inhibitors
- Provides greater wear-minimizing efficiency and prolonged protection both in lubrication

NLGI Classification		2
Kinematic Viscosity Oil	cSt	168
Thickener		Lithium
Texture		Smooth & Tacky
Colour		YELLOW CLEAR
Drop Point	°C	285
Worked Penetration 60 strokes at 25°C	0.1 mm	265-295
Timken OK Load	1b	60
Rusting Test	Rating	0,0

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.