

IRIX INO LX-2 series (formerly IRIX HP - PLC xx2)

Greases

DESCRIPTION

IRIX INO LX-2 are lithium complex thickened lubricating greases based on synthetic oil. They contain antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology.

RECOMMENDED APPLICATIONS

IRIX INO LX 40-2 has a very low starting and running torques making it suitable for low temperature applications. The grease is also perfect for bearings operating at high speed.

IRIX INO LX 100-2 is primarily recommended for higher speed applications such as electric motors, where reduced friction, low wear and long service life are required.

IRIX INO LX 220-2 is a multi-purpose, NLGI 2 extreme pressure grease recommended for industrial, heavy duty and automotive applications.

IRIX INO LX 460-2 is an extreme pressure grease recommended for tough industrial and marine applications. It provides outstanding bearing protection under heavy loads and vibrations at low-to-moderate speeds.

CLASSIFICATION

- ISO 12924: L-XEDIB2
- DIN 51502: KPHC2N-55

TECHNICAL INFORMATION

| CHARACTERISTICS | STANDARDS | 40-2 | 100-2 | 220-2 | 460-2 | UNIT |
|------------------------------|------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------|
| Thickener | | Lithium Complex | | | | |
| Base oil | | PAO | | | | |
| Colour | Visual | beige | | | | |
| NLGI Grade | ASTM D 217 | 2 | | | | |
| Base oil viscosity at 40 °C | ISO 12058 | 44 | 100 | 220 | 460 | mm ² /s |
| Base oil viscosity at 100 °C | ISO 12058 | 8 | 14 | 27 | 51 | mm ² /s |
| Drop point | IP 396 | > 260 | | | | °C |
| Temperature range | | -55 to +140 max +180 | -40 to +150 max +220 | -40 to +150 max +220 | -40 to +150 max +220 | °C |

The specifications are given for information purposes only and may need to change.

ADVANTAGES

- Excellent high and low temperature performance.
- Very good mechanical stability.
- Good corrosion protection.
- Suitable for high speed applications.
- Very high load carrying capacity and excellent wear protection.

