

IRIX HP - PLC 42**DESCRIPTION**

IRIX INO LX 40-2 (formerly IRIX HP - PLC 42) is a lithium complex thickened lubricating grease based on synthetic oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology

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.

Classification:

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

ADVANTAGES

- Excellent low temperature performance
- Very good mechanical stability
- Good corrosion protection
- Suitable for high speed applications

TECHNICAL INFORMATION

| NAME | UNITS | METHOD | IRIX HP - PLC 42 |
|-----------------------------|--------------------|-------------|-------------------------------|
| Color | - | Visual | Beige |
| Density at 20°C (68°F) | kg/m ³ | IP 530 | 847 |
| Texture | - | | smooth |
| Base oil | - | | PAO |
| Thickener | - | | Lithium Complex |
| NLGI Grade | - | ASTM D217 | 2 |
| Drop point | °C | IP 396 | > 260 |
| Base oil viscosity at 40°C | mm ² /s | ISO 12058 | 44.0 |
| Base oil viscosity at 100°C | mm ² /s | ISO 12058 | 8.0 |
| Penetration 60 strokes | - | ISO 2137 | 265-295 |
| EMCOR dist water | - | ISO 11007 | 0-1 |
| EMCOR salt water | - | ISO 11007 | 2-3 |
| Copper Strip Corrosion | - | ASTM D4048 | 1b |
| Water resistance | - | DIN 51807:1 | 1-90 |
| Water washout | % | ISO 11009 | 4 (1h / 80°C) |
| 4 Ball test - Weld load | N | DIN 51350:4 | 3800 |
| Temperature range | - | | -55 °C to 140 °C (max 180 °C) |

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.