

IRIX BIO C 110-2

Greases

DESCRIPTION

IRIX BIO C 110-2 is an anhydrous calcium thickened biodegradable lubricating grease based on a blend of biodegradable esters and vegetable oils. The grease contains antioxidants, corrosion inhibitors and AW additives.

RECOMMENDED APPLICATIONS

IRIX BIO C 110-2 is a multi-purpose biodegradable product for outdoor applications where water washout is a problem. It is recommended for lubrication of roller and plain bearings and linear guide system in wet environments.

IRIX BIO C 110-2 is easily pumpable in most modern centralised lubrication systems.

ADVANTAGES

- Biodegradable.
- Excellent water resistance.
- Good resistance to shock loads.
- Good mechanical stability.

CLASSIFICATION

- ISO 12924: L-XCBHB2
- DIN 51502: KPE2E-30

TECHNICAL INFORMATIONS

| CHARACTERISTICS | STANDARDS | IRIX BIO C 110-2 | UNIT |
|-------------------------------------|--------------------|-------------------------|--------------------|
| Thickener | | anhydrous calcium | |
| Base oil | | vegetable oil / polymer | |
| Colour | Visual | Amber | |
| NLGI Grade | ASTM D 217 | 2 | |
| Base oil viscosity at 40 °C | ASTM D 7152 | 110 | mm ² /s |
| Base oil viscosity at 100 °C | ASTM D 7152 | 18 | mm ² /s |
| Drop point | IP 396 | > 140 | °C |
| 4-ball weld load | DIN 51350:4 | 2 800 | N |
| Water resistance at 90 °C | DIN 51807:1 | tbd | |
| Flow Pressure at -30 °C | DIN 51805 mod | tbd | mbar |
| Renewable carbone | EEL Classification | 79.56 | % |
| Biodegradability | EEL Classification | 90.25 | % |
| Temperature range | | -30 to +80 (max +100) | °C |

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