

Lanopro FG Grease 55

Lube/Paste



Product Data Sheet - 2010.12.06



EXTREME
PRESSURE



HEAVY
LOADS



FOOD
MACHINERY

Classification

DIN 51502
ISO 6743

KP2K-20
ISO-L-XBCEB2

Description

Lanopro FG Grease 55 is an aluminium complex thickened lubricating grease based on pharmaceutical white oils. The grease contains antioxidants and EP/AW additives. The thickener, together with the special base oil, makes the product suitable for lubrication in applications where there is the possibility of incidental or accidental food contact.

Lanopro FG Grease 55 is a high performance universal food machinery grease. The product's all round properties make it suitable for various types of bearing applications including heavy load conditions.

- Good oxidation stability
- Excellent load carrying capacity
- Suitable for food machinery

Physical and Chemical Data

| Analysis | Method | Results |
|-------------------------------|-------------|----------------------------|
| Thickener | | Aluminium Complex |
| Base Oil | | Pharmaceutical white oil |
| Colour | | White |
| NLGI Grade | ASTM D217 | 2 |
| Dropping point | IP 396 | >230°C |
| Base oil viscosity at 40°C | ISO 12058 | 550 mm ² /s |
| Base oil viscosity at 100°C | ISO 12058 | 53 mm ² /s |
| 4-ball weld load | DIN 51350:4 | 6000 N |
| Temperature range | | -20°C to +120°C Max +140°C |
| Penetration 60 strokes | ISO 2137 | 265-295 |
| Penetration 100.000 strokes | ISO 2137 | +80 |
| SKF Emcor distilled water | ISO 11007 | 2-2 |
| Copper corrosion 24h/100°C | DIN 51811 | 1b |
| Water resistance | DIN 51807/1 | 1-90 |
| Separation 168h/40°C | IP 121 | 1.5% |
| SKF R2F test A | SKF | Pass |
| SKF R2F test B at 120°C | SKF | Pass |
| 4-ball wear scar (1h at 400N) | DIN 51350:5 | 0.7 mm |
| Approx. density at 20°C | IPPM-CS/03 | 1.00 |

Handling

- **Storage** Handling and storage temperatures (0°C to 40°C)
- **Packaging** 400g - 18kg - 180kg drums. Bulk on request.

ID No: D 100 126:2

Lanopro Production AS
Smedveien 7
1344 Haslum
Norway

Phone: +47 40 00 15 14
Fax: +47 21 54 73 43
E-mail: mail@lanopro.com
www.lanopro.com

Lanopro Pte Ltd
112 Robinson Road
#12-01
Singapore 068902

Phone: +65 6222 3209
Fax: +65 6826 4109
E-mail: mail@lanopro.com
www.lanopro.com