



Spheerol™ EPL 00

Lithium semi-fluid grease

Description

Spheerol™ EPL 00 grease is a lithium base general purpose extreme pressure grease, based upon mineral oils and incorporating extreme pressure agents.

Application

Spheerol EPL 00 grease is a NGLI 00 semi-fluid grease suitable for centralised lubrication systems and grease filled gearboxes. Spheerol EPL 00 incorporates powerful rust inhibitors to protect components against corrosion.

Advantages

- Wide operating temperature range of -10°C to 120°C.
- Good adhesion and EP performance.

Typical Characteristics

| Name | Method | Units | Spheerol EPL 00 |
|---|----------------------|--------------------|-----------------|
| Thickener type | - | - | Lithium |
| Base oil type | - | - | Mineral |
| Consistency | ASTM D217 | NLGI Grade | 00 |
| Colour | - | - | Amber to Brown |
| Worked Penetration (60 strokes @ 25°C / 77°F) | ASTM D217 | 0.1 mm | 400-430 |
| Base Oil Viscosity @ 40°C / 104°F | ASTM D445 | mm ² /s | 150-200 |
| Dropping point | ISO 2176 / ASTM D566 | °C | 160 |
| Copper corrosion, 24 hours @ 100°C | ASTM D4048 | Rating | 1b max |
| 4 ball wear test (1h @ 75°C 40kg) | ASTM D 2266 | mm | 1 max |
| Flow pressure @ -20°C | DIN 51805 | hPa | <1400 @ -20°C |

Subject to usual manufacturing tolerances.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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Page: 2/2