



Graäffett EP

Product Description

Graäffett Lithium EP Grease is heavy duty extreme pressure grease formulated from highly refined mineral oil, lithium soap thickener and additives system for improving EP and reduced wear.

Performance benefits:

- Excellent anti-wear properties,
- Excellent water washout resistance and high pressure steam
- Good oxidation stability,
- Excellent EP properties
- Withstand high loads.

Features:

- Broad compatibility,
- Reduced maintenance costs,
- Available in yellow, blue and red color.
- Available in different NLGI and viscosity grades.

Applications:

Graäffett Lithium EP Grease is suitable for use in bearings subjected to stress and high loads at temperature from -20°C to 120°C. Used in trucks bearings where temperature exceeds 120°C, frequent lubrication is necessary.

| Typical characteristics | Unit | Test Method | Typical Results* | | |
|----------------------------------------|---------------------|-------------|--------------------|---------|---------|
| Appearance | Visual | | Buttery and smooth | | |
| Color | | | yellow | | |
| NLGI Grade | | ASTM D217 | 1 | 2 | 3 |
| Worked Penetration @25°C | 10 ⁻¹ mm | ASTM D217 | 310-340 | 265-295 | 220-250 |
| Dropping point, min | °C | ASTM D566 | 170 | 180 | 180 |
| Pressure Oil Separation, 24hrs, max | %I | ASTM D1742 | - | 10 | 8 |
| Oxidation Stability @100°C, 96hrs, max | PSI | ASTM D942 | - | 5 | 5 |
| Water Washout @ 80°C, max | % | ASTM D1264 | - | 15 | 15 |
| Four ball weld load, min | kgs | ASTM D2596 | 200 | 200 | 200 |
| Wear Scar Diameter, max | mm | ASTM D2266 | 0.5 | 0.7 | 0.7 |
| Base oil viscosity @40°C | cSt | ASTM D446 | 100 | 100 | 100 |
| Operating temperature range | °C | | -20 to +120 | | |

Note: the information contained herein is subject to change without notification. Typical properties may vary slightly.