



PRODUCT DATA SHEET



BEL-RAY[®] 565 HT GREASE

Bel-Ray 565 HT Grease is a unique high temperature grease with extreme pressure properties for heavy load applications.

Applications

- ◆ Anti-friction bearings of high temperature equipment
- ◆ Oven conveyor bearings
- ◆ Kiln car wheel bearings
- ◆ Kiln preheat fans, oven fans, radiator cooling fans

Features and Benefits

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|----------------------------------|------------------------------|
| ◆ Sodium complex thickener | No gum at high temperature. |
| ◆ Excellent thermal stability | Extended lubrication cycles. |
| ◆ Heat, shear and work stability | Minimal physical changes. |
| ◆ Anti-wear properties | Reduces friction and wear. |
| ◆ Extreme pressure properties | Resists shock loads. |

General Description

Bel-Ray 565 HT Grease is a very unique high temperature grease. The sodium complex thickening system and synthetic base oils have very good high temperature stability and provide a low coefficient of friction. **Bel-Ray 565 HT Grease** has good extreme pressure properties and provides good bearing protection under heavy loads and high temperatures. **Bel-Ray 565 HT Grease** is recommended for use in the temperature range of -18°C to 260°C (0°F to 500°F).

Product No. 28660

BEL-RAY[®] 565 HT GREASE

TYPICAL PROPERTIES

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|---|---------------------|
| <u>Product No.</u> | <u>28660</u> |
| NLGI Grade | 2 |
| Penetration, worked (60 strokes), ASTM D217 mm/10 | 280 |
| Thickener Type | Sodium Complex |
| Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt | 117 |
| @ 100°C, cSt | 13.3 |
| Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS | 609 |
| @ 210°F, SUS | 72.8 |
| Dropping Point, ASTM D2265 °C | >260 |
| (°F) | (>500) |
| Water Washout, ASTM D1264 @ 38°C (100°F), loss, weight % | 2.30 |
| @ 79°C (175°F), loss, weight % | 3.90 |
| 4-Ball EP Test, ASTM D2596 Weld Load, kg | 315 |
| High Temperature Bearing Test, ASTM D3336 MRC-TRW Grease Testing Unit @ 232°C (450°F), hrs to failure | 1100 |
| @ 260°C (500°F), hrs to failure | 427 |
| Rust Protection, ASTM D1743, rating | Pass |
| Useful Temperature Range °C | -18 to 260 |
| (°F) | (0 to 500) |
| Color | Light Brown |