TIMKEN® Multi-Use Lithium Grease EP1
Lubricating Grease

Part Numbers
GR236C 400 g (14 oz) cartridge
GR236T 454 g (1 lb) tub
GR236F 1 kg (2.2 lb) tub
GR236G 5 kg (11 lb) pail
GR236P 16 kg (35.3 lb) pail
GR236K 55 kg (121.3 lb) keg
GR236D 180 kg (400 lb) drum

PRODUCT DESCRIPTION:
Timken Multi-Use Lithium EP1 grease is a lithium soap thickened grease containing a rust and oxidation inhibitor and EP additive. Timken Multi-Use Lithium EP1 provides good service life in a variety of bearing applications. Typical properties are listed below.

TYPICAL PHYSICAL PROPERTIES
Color Amber
Texture Smooth
NLGI Grade #1
Thickener Type Lithium
Penetration, D 217, worked 60 310-340
Worked 100,000 pts change 50 max
Dropping Point, °F , D 2265, 350 min
Oil Separation, D 1742 % loss 10 max
Corrosion Prevention, D 1743, Pass
Copper Corrosion, D 4048, typical 1b
Oxidation Stability, D 942, psi loss, 100 hrs 5 max
Four-Ball Wear, ASTM D 2266, 40 kg, 1200 RPM, 75° C, Scar mm 0.45 Max.
Four-Ball EP, Weld Point, ASTM D 2596, kgf 250 Min.
Timken OK Load, ASTM D 2509, Pounds 40

Base Fluid Properties
Base Fluid Type Petroleum/Mineral
Viscosity @ 40°C, cSt D 445 145.6
@ 100°C, cSt D 445 11.15
Pour Point °F (°C) 0 (-18)
Flash Point °F (°C) 400 (204)

Date: November 18, 2008
Timken Multi-Use Lithium EP NLGI Grade 1
TIMKEN® Multi-Use Lithium Grease EP2
Lubricating Grease

**Part Numbers**
- GR237C 400 g (14 oz) cartridge
- GR237T 454 g (1 lb) tub
- GR237F 1 kg (2.2 lb) tub
- GR237G 5 kg (11 lb) pail
- GR237P 16 kg (35.3 lb) pail
- GR237K 55 kg (121.3 lb) keg
- GR237D 180 kg (400 lb) drum

**PRODUCT DESCRIPTION:**
Timken Multi-Use Lithium EP2 grease is a lithium soap thickened grease containing a rust and oxidation inhibitor and EP additive. Timken Multi-Use Lithium EP1 provides good service life in a variety of bearing applications. Typical properties are listed below.

### TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Amber</td>
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<tr>
<td>NLGI Grade</td>
<td>#2</td>
</tr>
<tr>
<td>Thickener Type</td>
<td>Lithium</td>
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<tr>
<td>Penetration, D 217, worked 60, worked 100,000 pts change</td>
<td>310-340, 50 max</td>
</tr>
<tr>
<td>Dropping Point, °F , D 2265,</td>
<td>350 min</td>
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<tr>
<td>Oil Separation, D 1742 % loss</td>
<td>10 max</td>
</tr>
<tr>
<td>Corrosion Prevention, D 1743,</td>
<td>Pass</td>
</tr>
<tr>
<td>Copper Corrosion, D 4048, typical</td>
<td>1b</td>
</tr>
<tr>
<td>Oxidation Stability, D 942, psi loss, 100 hrs</td>
<td>5 max</td>
</tr>
<tr>
<td>Four-Ball Wear, ASTM D 2266, 40 kg, 1200 RPM, 75° C, Scar mm</td>
<td>0.45 Max.</td>
</tr>
<tr>
<td>Four-Ball EP, Weld Point, ASTM D 2596, kgf</td>
<td>250 Min.</td>
</tr>
<tr>
<td>Timken OK Load, ASTM D 2509, Pounds</td>
<td>40</td>
</tr>
</tbody>
</table>

**Base Fluid Properties**

- Base Fluid Type: Petroleum/Mineral
- Viscosity @ 40°C, cSt D 445: 145.6
- Viscosity @ 100°C, cSt D 445: 11.15
- Pour Point °F (°C): 0 (-18)
- Flash Point °F (°C): 400 (204)

Date: November 18, 2008
Timken Multi-Use Lithium EP NLGI Grade 2