



# PRODUCT DATA SHEET



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## TERMALENE® ELECTRIC MOTOR BEARING GREASE

**Termalene Electric Motor Bearing Grease**, commonly known as Termalene Ball & Roller Bearing Grease, is formulated as an electric motor bearing grease that can also be used as a general purpose grease for bearings in many different applications. **Termalene Electric Motor Bearing Grease** lubricates and seals bearings against outside contaminants simultaneously. **Termalene Electric Motor Bearing Grease** is also USDA H2 rated for use in food plants.

### *Applications*

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- ◆ Electric motor bearings
- ◆ All types of ball and roller bearings, including precision built bearings
- ◆ General bearing applications, including journal bearings
- ◆ Bearings that are continually subjected to an environment of heat and excessive moisture
- ◆ Bearings in inaccessible areas where extended re-lubrication cycles are desired

### *Features and Benefits*

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|-----------------------|---|
| ◆ Excellent sealant   | Protects against hazardous environments extending the useful life of bearing components - metallic and nonmetallic. |
| ◆ Reduced friction    | Unique structure provides a low coefficient of friction, keeping bearings running cool for longer service life.     |
| ◆ Oxidation stability | Allows lubrication cycles to be extended, reducing lubrication costs.   |
| ◆ Controlled mobility | Acts as a seal against contamination without excess agitation and heat generation.                                  |
| ◆ USDA H2 rated       | Acceptable in food plants where there is no possibility of food contact.  |

### *General Description*

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**Termalene Electric Motor Bearing Grease** is a unique blend of aluminum complex and sodium complex soaps, outstanding in shear stability, thermal stability, and water resistance and fortified against oxidation for long service life. Load carrying and anti-wear capabilities are beyond those of conventional greases to prolong the service life of both grease and bearing.

### *Product No. 301764*

# TERMALENE® ELECTRIC MOTOR BEARING GREASE

## TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>301764</u></b>
<b><u>Old Product No.</u></b>	<b><u>72200</u></b>
NLGI Grade	Between 2 and 3
Penetration, worked (60 strokes), ASTM D217 mm/10	260
Thickener Type	Aluminum Complex and Sodium Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt @ 100°C, cSt	85.0 10.4
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS @ 210°F, SUS	441 61.0
Dropping Point, ASTM D2265, °C (°F)	>260 (>500)
Oxidation Stability, ASTM D942 Pressure Drop @ 100 hrs, kPa (psi) Pressure Drop @ 500 hrs, kPa (psi)	20.7 (3) 34.5 (5)
Oil Separation, ASTM D6184 @ 100°C (212°F), 30 hrs, weight %	1.5
4-Ball Wear Test, ASTM D2266 @ 1200 rpm, 40 kg, 1 hr, 75°C Scar Diameter, mm	0.47
High Temperature Bearing Test, ASTM D3336 MRC-TRW Grease Testing Unit @ 177°C (350°F), hrs to failure	525
Color	Yellow