



## **Polytac®**

Polytac is a high-quality, multipurpose, non-EP polyurea grease developed for the lubrication of rolling-element bearings in high-temperature, long-life applications where extreme-pressure protection is not required. It is particularly recommended for the lubrication of electric motor bearings, sealed-for-life bearings and other lightly loaded, high-speed antifriction bearings.

Polytac is manufactured with high-quality base oils, select inhibitors and a non-soap, polyurea thickener. It has excellent oxidation resistance and high shear stability for long service life. It provides excellent protection against rust and corrosion and has outstanding resistance to water washout.

Polytac provides significant performance advantages over conventional soap-thickened greases in high-temperature, sealed-for-life applications. It also is recommended for automotive and industrial applications where a shear stable, water-resistant, non-EP grease is required.

### ***Applications***

- Electric motor bearings
- Sealed-for-life bearings
- High-speed antifriction bearings
- Automotive and industrial applications where a long-life, high-temperature, non-EP grease is required

### ***Features/Benefits***

- Excellent high-temperature performance
- High shear stability
- Good wear protection
- Outstanding resistance to water washout
- Excellent rust and corrosion protection
- Excellent low-temperature pumpability

**Non-EP Polyurea  
Grease For  
Electric Motor  
Bearings**

### **CONTACT INFORMATION**

**Phillips66  
Lubricants.com**

U.S. Customer  
Service:  
**1-800-368-7128**

Technical Hotline:  
**1-877-445-9198**

International  
Customer Service:  
**1-832-765-2500**

E-mail address:  
**lubricants@  
p66.com**



## Polytac®

### Typical Properties

<b>NLGI Grade</b>	<b>2</b>
Thickener	Polyurea
Color	Red
Dropping Point, °C (°F)	260 (500)
Density, lbs/gal	7.40
Penetration, Worked (60 strokes), ASTM D217	265-295
Texture	Smooth
Oxidation Stability, ASTM D942, 100 hrs, Pressure Drop, psi (kPa)	5 (35)
Rust Prevention, ASTM D1743	Pass
Water Washout Resistance, ASTM D1264, Weight Loss @ 175°F, %	<2
Base Oil Properties:	
Viscosity,	
cSt @ 40°C	110
cSt @ 100°C	12.1
SUS @ 100°F	575
SUS @ 210°F	68
Viscosity Index	99
Operating Temperature Range,	
°C	-22 to 163
°F	-30 to 325

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

© 2012 Phillips 66 Company, Phillips 66, 76, Conoco, Liquid Titanium and their respective logos and products are trademarks of Phillips 66 Company in the U.S.A. and other countries.