



Polytac[®]

Polytac is a high-quality, multipurpose, non-extreme-pressure (non-EP) polyurea grease developed to satisfy the severe lubrication requirements of rolling-element bearings in applications where conventional soap-based greases do not provide adequate protection for extended service life.

Polytac is recommended for use in applications that do not require extreme-pressure protection, such as electric motor bearings, sealed-for-life bearings, and other lightly loaded, high-speed antifriction bearings. It has excellent shear stability, oxidation resistance and corrosion resistance to ensure maximum protection and long service life in these applications. It also has outstanding resistance to water washout.

Polytac is manufactured with high-quality paraffinic base oils and a non-soap, polyurea thickener. It is compounded with oxidation inhibitors and rust and corrosion inhibitors to provide excellent protection and long service life. It is ideal for high-temperature, sealed-for-life applications and for automotive and industrial applications that require a highly water-resistant grease.

Applications

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

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

**U.S. Customer
Service:
1-800-822-6457**

**U.S. Technical
Services Hot Line:
1-800-766-0050**

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+1-832-486-3363**

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Polytac® Typical Properties

NLGI Grade	2
Thickener	Polyurea
Color	Red
Dropping Point, °C (°F)	260 (500)
Density, lbs/gal	7.40
Penetration, Worked (60 strokes), ASTM D217	280
Texture	Smooth
Oxidation Stability, ASTM D942, 100 hours,	
Pressure Drop, psi (kPa)	5 (35)
Rust Prevention, ASTM D1743	Pass
Water Washout Resistance, ASTM D1264, 175°F, wt loss, %	0
Base Oil Properties:	
Viscosity,	
cSt @ 40°C	110
cSt @ 100°C	12.1
SUS @ 100°F	574
SUS @ 210°F	68
Viscosity Index	98
Usable Temperature Range,	
°C	-37 to 204
°F	-35 to 400

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

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CSB-07 3399429
02/07