

PRODUCT DATA SHEET

Royal Polyurea Grease

High Performance Long-Life Polyurea Grease



PRODUCT DESCRIPTION:

Royal Polyurea Grease is a premium, extreme pressure, multi-purpose, long life grease. Which exhibits excellent thermal stability, excellent high and low temperature capabilities and superior shear stability when compared to typical polyurea greases. This grease has excellent water resistance characteristics and will not washout. It maintains its consistency under severe working conditions, and resists rust and oxidation.

KEY FEATURES:

- Excellent Extreme Pressure properties
- Very good oxidation and rust protection
- Outstanding High Temperature properties
- Good water resistance

CUSTOMER BENEFITS:

- Works under severe, heavy and shock load conditions
- Extended service under at high temperatures
- Provides effective lubrication for extended period of time and at high temperatures
- Does not washout under water ingress conditions

APPLICATIONS:

Royal Polyurea Grease is recommended for sealed for life bearings, rolling element bearings and other range of industrial applications. This grease is recommended in any application where high temperatures and heavy load conditions prevails.

PACKAGING:

Drums and Pails

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Typical Properties

Royal Polyurea Grease		
Product Number	994BA	Test Method
Color	Blue	ASTM D217
Texture	Smooth , homogeneous	Visual
Thickener Type	Polyurea	Visual
NLGI Grade	2	-
Worked Penetration	265	ASTM D 217
Drop Point , ^o F	500 Min.	ASTM D-217
Viscosity @ 40 C ,cSt	145	ASTM D 2265
Weld load, kg	500 min	ASTM D 445
Timken OK load , lbs	60	ASTM D 2596
Rust Test	Pass	ASTM D 2509
Water Washout , 175 F , % wt.	5.0 % Max.	ASTM D 1743
Water Spray off, % wt	20 max.	ASTM D 1264

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.