

## **NLZ ANTI-SEIZE PASTE**

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### **Anti-Seize Paste**

**BRAUTEK NLZ Anti-Seize Paste** is specifically formulated for drill pipe, weight pipe as well as collars and may be used in a wide variety of operating temperatures. This special formula with zinc and graphite prevents metal to metal contact under severe operating conditions and provides protection against seizure, galling and breakdown. Its exceptional performance makes it easier for making breakouts and connections.

**Brautek NLZ Anti-Seize Paste** is an environmentally safe product that uses a unique combination of solid lubricants with no copper, lead or nickel and a proprietary extreme pressure additive to impart outstanding anti-seize and anti-wear properties to the product. This grease is doped with finely divided solid lubricants that will not separate out, settle out, dry out or harden under storage as well as operations.

### **Application:**

Fundamentally recommended for drilling tools. Suitable for lubricating threads of rotary joints with shoulder (drill holder, trepan and drill rods). This grease acts as a seal on the threads, which also facilitates the threading and unscrewing thereof, and in turn prevents deformations in the fillets and damage to the mirrors. Its application is not recommended for tubing and casing work, where API type RP-5A3 greases are required.

### **Customer Benefits:**

- Environmentally safe.
- Does not contain lead, nickel or copper.
- Meets and/or exceeds the performance requirements of the API RP 7A1
- Water resistance properties allow for use in wet conditions.
- Excellent adhesive and cohesive properties
- Prevents against galling and seizures
- Resistant to high temperatures.
- Great adhesiveness.

## Typical Properties

Color	Gray
Solid	Zinc and Graphite
Texture	Smooth, tacky
NLGI Grade	2
Worked Penetration	270
Drop Point, °F	180
Viscosity @ 40 °C, cSt	215
Viscosity @ 100 °C, cSt	14.8
Type of thickener	Lithium
Zinc poder, % p	50
Friction Factor, API RP 7A1	1.02
Oil Separation	1.0

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

### Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. [www.brautek.com](http://www.brautek.com).