



Royal NLZ Compound

No Copper, Lead or Zinc Anti-seize

Royal NLZ Compound 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 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.

Royal NLZ Compound is an environmentally safe product that uses a unique combination of solid lubricants with no copper, lead or zinc 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.

Product Features:

- Environmentally safe
- Does not contain lead, zinc or copper
- Meets and/or exceeds the performance requirements of the API Bulletin 5A2

Customer Benefits:

- Water resistance properties allow for use in wet conditions
- Excellent adhesive and cohesive properties
- Prevents against galling and seizures

Applications:

- Recommended in most applications where anti-seize compounds are needed like drill pipes, slides, flanges, studs, nuts, gaskets, etc.



Typical Properties

Royal NLZ Compound

Product Number	903SM	Test Method
Color	Black	Visual
Texture	Smooth , tacky	Visual
NLGI Grade	1	ASTM D 217
Worked Penetration	330	ASTM D 217
Drop Point, °F	350	ASTM D 2265
Viscosity @ 40 °C, cSt	215	
Viscosity @ 100 °C, cSt	14.8	
Viscosity @ 100 °F, SUS	1000	ASTM D 445
Viscosity @ 210 °F, SUS	79	
Type of thickener	Lithium	-
Oil Separation	1.0	ASTM D 1742

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.royalmfg.com or call (918)-584-2671.

Packaging options:



20 Lb. Pails.



50 Lb. Pails



140 Lb. Kegs



2,400 Lb.
Disposable Totes



>50,000 Lb. Bulk