

# NL-Collar



NL Collar is a non-lead compound developed as a replacement product for the traditional lead-based sealants used to cushion drill collar threads. This thread compound protects the larger diameter threads from galling and seizing during make-up and break-out in the most demanding of drilling conditions. NL Collar contains extreme pressure additives as well as corrosion inhibitors to maximize connection life.

## ▶ SERVICE RECOMMENDATIONS

Recommended for all tool joints and drill collar threads in medium to heavy duty drilling conditions.

## ▶ PERFORMANCE CHARACTERISTICS

- Replacement for all lead based collar compounds
- Contains extreme pressure additives to maximize thread protection
- Contains corrosion inhibitors to reduce rusting of threads during storage

## ▶ PRODUCT SPECIFICATIONS

Thickener	Calcium Sulfonate Complex
Fluid Type	Petroleum
Flash Point	> 180 °C / 356 °F
Service Rating	> 200 °C / 392 °F
NLGI Grade	> 1
Color	> Copper
Friction Factor	> 1.15
Pen Range	> 300 – 360 (ASTM D217) seasonal adjustment
Brushability	-18°C / 0°F
Drop Point	> 204°C / 400°F

## ▶ PACKAGING

11 l steel / 2.5 imp. gallon

Net 15.9kg/ 35 lb

**Note:** The torque correction factor is influenced by a variety of conditions such as pipe size, thread geometry, drilling mud contaminants, and drilling environment. In all applications experience and prior knowledge should be used to adjust make-up torques as the torque correction number provided is relative.

**Warranty:** This compound shall be free of defects at time of manufacture. Warranty shall be limited to the refund of the purchase price. All other liability is negated and disclaimed and Topco Oilsite Products shall not be liable for consequential or incidental damages.



[www.topcooilsite.com](http://www.topcooilsite.com)

toll free: 1-800-222-6448

