

## DRILLING COMPOUND

## COPR 99



5 Gallon Metal Pail

## PRODUCT CHARACTERISTICS

<b>Color:</b>	Copper
<b>Penetration:</b> (ASTM D217)	310-330
<b>NLGI Grade:</b>	1
<b>Weight/Gallon:</b>	9.9 pounds/gallon
<b>Thickener:</b>	Lithium
<b>Fluid Type:</b>	Petroleum
<b>Dropping Point:</b> (ASTM D2265)	≥350°F (≥177°C)
<b>Flash Point:</b>	≥392°F (≥200°C)
<b>Brushable To:</b>	10°F (-12°C)
<b>Service Rating:</b>	500°F (260°C)
<b>Friction Factor:</b>	1.0*
<b>Shelf Life:</b> (Unopened container)	4 years
<b>Contains:</b>	Copper, graphite and other nonmetallic additives

\*NOTE: Due to operation and equipment variables, this value may require adjustment based on field experience.

A safety data sheet is available from the manufacturer. Do not use on oxygen lines or in oxygen enriched atmosphere.

Note: All package sizes are not listed. Call your sales representative for a complete listing.

## DESCRIPTION

BESTOLIFE® Copr 99 is a lead-free, zinc-free thread compound for rotary-shouldered connections. It provides galling and seizing protection and support for high bearing stress. It applies easily in a wide range of temperatures and conditions, resists washout, and will not harden or bleed excessively in storage.

## APPLICATIONS

Economical copper/PTFE compound for rotary-shouldered connections. Recommended for all drilling applications (rotary-shouldered connections). It is also effective for use on slides, jacking systems, cantilever type rigs, and assemblies.

## TECHNICAL DATA

Copr 99 meets or exceeds environmental restrictions and exposure concerns associated with the use of lead and zinc drill collar/tool joint thread compounds. It contains copper flake combined with a proprietary blend of graphite and other solids in a high-quality lubricating base grease. API and IADC tables for drill collars and drill pipe are minimum torque values. BESTOLIFE® recommends applying the friction factor to the optimum makeup torque to ensure maximum performance and protection when using BESTOLIFE® copper compounds.

## PACKAGING

PRODUCT NUMBER	CONTAINER SIZE	CONTAINER WEIGHT
655510	1 gallon	10 pounds plastic
655520	2 gallon	20 pounds plastic
655545	5 gallon	45 pounds plastic
655546	5 gallon	45 pounds metal



**BESTOLIFE**  
PREMIUM COMPOUNDS

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