

DRILLING COMPOUND

COPR 99



5 Gallon Metal Pail

PRODUCT CHARACTERISTICS

Color:	Copper
Penetration: (ASTM D217)	295-310
NLGI Grade:	1.5
Weight/Gallon:	9.9 pounds/gallon
Thickener:	Lithium
Fluid Type:	Petroleum
Dropping Point: (ASTM D2265)	≥350°F (≥177°C)
Flash Point:	≥392°F (≥200°C)
Brushable To:	10°F (-12°C)
Service Rating:	500°F (260°C)
Friction Factor:	1.0*
Shelf Life: (Unopened container)	4 years
Contains:	Copper, PTFE, 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 formulated with H₂S and oxidation inhibitors. 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

