

## DRILLING COMPOUND

# COPPER SUPREME SPECIAL BLEND®



5 Gallon Metal Pail

## PRODUCT CHARACTERISTICS

<b>Color:</b>	Copper
<b>Penetration:</b> (ASTM D217)	300-320
<b>NLGI Grade:</b>	1
<b>Weight/Gallon:</b>	10.2 pounds/gallon
<b>Thickener:</b>	Lithium Complex
<b>Fluid Type:</b>	Petroleum
<b>Dropping Point:</b> (ASTM D2265)	≥500°F (≥260°C)
<b>Flash Point:</b>	≥392°F (≥200°C)
<b>Brushable To:</b>	15°F (-9°C)
<b>Oil Separation:</b>	<3.0%
<b>Copper Corrosion:</b>	1A
<b>Service Rating:</b>	600°F (316°C)
<b>Friction Factor:</b>	1.1*
<b>Shelf Life:</b> (Unopened container)	4 years
<b>Contains:</b>	Copper flake, synthetic and amorphous graphite and other nonmetallic additives

\*API RP 7A1: "Recommended Practice for Testing of Thread Compound for Rotary-Shouldered Connections" 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.

## DESCRIPTION

BESTOLIFE Copper Supreme Special Blend® (CSSB) is a non-lead, non-zinc compound that applies easily in a wide range of temperatures and conditions. CSSB is washout resistant and will not harden or bleed excessively in storage.

## APPLICATIONS

High temperature compound for drill collars and drill pipe. Recommended for all drilling applications (rotary-shouldered connections), including high temperature environments. It is also effective for use on open gear jack-up legs.

## TECHNICAL DATA

CSSB has been developed as an answer to the environmental restrictions and exposure concerns associated with the use of lead and zinc drill collar/tool joint thread compounds. In addition to the galling and seizing protection provided by the solids, it also contains a soluble extreme pressure package that is surface active and helps to provide the load carrying capability required by the high bearing stresses present in rotary-shouldered connections.

## NOTES

API and IADC tables for drill collars and drill pipe are minimum torque values. BESTOLIFE recommends an additional 10-15% torque beyond the minimum torque specified by these tables be applied, to ensure maximum performance and protection when using BESTOLIFE copper compounds.

## PACKAGING

PRODUCT NUMBER	CONTAINER SIZE	CONTAINER WEIGHT
635009	1 gallon	10 pounds plastic
635034	3 1/2 gallon	30 pounds plastic
635054	5 gallon	50 pounds plastic

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

