

## DRILLING COMPOUND

# CAL BRONZE



5 Gallon Plastic Pail

## PRODUCT CHARACTERISTICS

<b>Color:</b>	Copper
<b>Penetration:</b> (ASTM D217)	300-320
<b>NLGI Grade:</b>	1
<b>Weight/Gallon:</b>	11.7 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*, 1.1**
<b>Contains:</b>	Lead, copper, zinc, 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.

\*\*The proper field torque for all API casing and tubing connections should be determined by following the procedures outlined in API RP 5C1: "Recommended Practice for Care and Use of Casing and Tubing".

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

## DESCRIPTION

BESTOLIFE Cal Bronze (CB) is an all purpose compound for rotary-shouldered connections, casing, and tubing. A copper/lead/zinc based compound, Cal Bronze is recommended for drill collars in light to medium duty drilling, drill pipes, and casing and tubing connections that require a thread compound for high temperature/high pressure conditions.

## APPLICATIONS

Economical copper compound for use on drill collars and drill pipe.

## TECHNICAL DATA

BESTOLIFE Cal Bronze is an economical all-purpose drill pipe and drill collar compound developed for hot, rugged, corrosive drilling conditions. Finely powdered lead, copper, zinc and special nonmetallic additives absorb stresses and enhance high-temperature properties. Contains H<sub>2</sub>S and corrosion inhibitors. 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
650010	1 gallon	10 pounds plastic
650025	3 1/2 gallon	25 pounds metal
650050	5 gallon	50 pounds plastic

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

