

# CAL BRONZE



5 Gallon Plastic Pail

## DESCRIPTION

BESTOLIFE Cal Bronze (CB) is an all purpose compound for rotary-shouldered connections, casing, and tubing. A copper/lead-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.

## PRODUCT CHARACTERISTICS

Color: <b>Copper-Black</b>
Penetration: <b>300-320 (ASTM D 217)</b>
Weight/Gallon: <b>11.7 pounds/gallon</b>
Dropping Point: <b>350°F/177°C (typ)</b>
Flash Point: <b>385°F/196°C (min)</b>
Brushable To: <b>10°F/-12°C</b>
Friction Factor: <b>1.0 (per API RP 7A1)*</b> <b>1.1 (relative to API modified)**</b>
Contains: <b>Lead, copper, zinc, graphite, and other non-metallic additives</b>

## 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 non-metallic additives absorb stresses and enhance high-temperature properties. Contains H2S and corrosion inhibitors.

## 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.

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

## 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

\*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".



**BESTOLIFE**  
PREMIUM COMPOUNDS

2777 N. Stemmons Fwy, Suite 1800 • Dallas, TX 75207 • (855) 243-9164

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