

DRILLING COMPOUND

CAL BRONZE

*5 Gallon Plastic Pail*

PRODUCT CHARACTERISTICS

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

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.

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.

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.

**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

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