

DRILLING COMPOUND

COPPER SUPREME SPECIAL BLEND®



5 Gallon Metal Pail

PRODUCT CHARACTERISTICS

Color:	Copper
Penetration: (ASTM D217)	300-320
NLGI Grade:	1
Weight/Gallon:	10.2 pounds/gallon
Thickener:	Lithium Complex
Fluid Type:	Petroleum
Dropping Point: (ASTM D2265)	≥500°F (≥260°C)
Flash Point:	≥392°F (≥200°C)
Brushable To:	15°F (-9°C)
Oil Separation:	<3.0%
Copper Corrosion:	1A
Service Rating:	600°F (316°C)
Friction Factor:	1.15*
Shelf Life: (Unopened container)	4 years
Contains: Copper flake, synthetic and amorphous 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.

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. It contains a high-quality lubricating base grease formulated with antiwear and oxidation inhibitors. 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 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
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.

