

COPPER ROCK



5 Gallon Plastic Pail

PRODUCT CHARACTERISTICS

Color:	Copper
Penetration: (ASTM D217)	275 - 295
NLGI Grade:	2
Weight/Gallon:	10.9 pounds/gallon
Thickener:	Lithium Complex
Dropping Point: (ASTM D2265)	≥500°F (≥260°C)
Flash Point:	>399.2°F (>204°C)
Service Rating:	600°F (316°C)
Friction Factor:	1.2*
Shelf Life: (Unopened container)	4 years
Contains:	Copper flake, graphite, and other non-metallic additives

*API RP 7 A 1: "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 atmospheres.

DESCRIPTION

BESTOLIFE Copper Rock is a lead-free, zinc-free thread compound for rock drill steel joints, couplings, and bits. It provides galling and seizing resistance and surface-active extreme pressure protection.

APPLICATIONS

Non-lead rock drill thread compound. Recommended for coal drilling, percussion rock drilling, blast hole drilling, all rotary joints, road construction, logging, mining, pneumatic drilling and track drills.

TECHNICAL DATA

Copper Rock has been developed as an answer to the environmental restrictions and exposure concerns associated with the use of lead and zinc based thread compounds. It contains a high percentage of copper flake combined with a proprietary blend of amorphous and synthetic graphite in a premium quality, high temperature, base grease. In addition to the galling and seizing protection provided by the solids, Copper Rock also contains a soluble, extreme pressure package that is surface active (adheres to metal surfaces) and helps to provide the load carrying capability required by the high bearing stresses experienced in rotary-shouldered connections, and particularly in percussion rock drilling.

PACKAGING

PRODUCT NUMBER	CONTAINER SIZE	CONTAINER WEIGHT
636010	1 gallon	10 pounds plastic
636050	5 gallon	50 pounds plastic

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

