

# COPPER ROCK



5 Gallon Plastic Pail

## PRODUCT CHARACTERISTICS

<b>Color:</b>	Copper
<b>Penetration:</b> (ASTM D217)	275 - 295
<b>NLGI Grade:</b>	2
<b>Weight/Gallon:</b>	10.9 pounds/gallon
<b>Thickener:</b>	Lithium Complex
<b>Dropping Point:</b> (ASTM D2265)	≥500°F (≥260°C)
<b>Flash Point:</b>	>399.2°F (>204°C)
<b>Friction Factor:</b>	1.2*
<b>Contains:</b>	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.



**BESTOLIFE**  
PREMIUM COMPOUNDS

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