

# BESTOLIFE METAL FREE



5 Gallon Plastic Pail

## PRODUCT CHARACTERISTICS

<b>Color:</b>	Black
<b>Penetration:</b> (ASTM D217)	310-330
<b>NLGI Grade:</b>	1
<b>Weight/Gallon:</b>	9.1 pounds/gallon
<b>Thickener:</b>	Lithium
<b>Fluid Type:</b>	Petroleum
<b>Dropping Point:</b> (ASTM D2265)	≥350°F (≥177°C)
<b>Flash Point:</b>	≥392°F (≥200°C)
<b>Brushable To:</b>	10°F (-12°C)
<b>Service Rating:</b>	500°F (260°C)
<b>Friction Factor:</b>	.9*
<b>Shelf Life:</b> (Unopened container)	4 years
<b>Contains:</b>	Synthetic and amorphous graphite, PTFE, and other nonmetallic additives

\*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".

Metal Free conforms to evaporation, gas evolution, oil separation, water leaching and cold application at 19.4°F (-7°C) requirements.

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

## DESCRIPTION

BESTOLIFE Metal Free is a non-metallic thread compound for API OCTG and BTC. A blend of synthetic and amorphous graphite, PTFE, and other non-metallic additives, Metal Free contains no toxic materials. It delivers galling and thread protection and conforms to API RP 5A3/ISO 13678.

## APPLICATIONS

Economical, non-metallic compound for maximum protection. Metal Free is a running compound, and not designed to be used as a storage compound.

## TECHNICAL DATA

Metal Free is an economical, nonmetallic thread compound developed to meet or exceed the performance objectives of API RP 5A3 when used on API OCTG and BTC Connections. It contains a proprietary blend of synthetic and amorphous graphite and fine PTFE powder that is inert to chemical attack, as well as H<sub>2</sub>S and corrosion inhibitors to resist pitting and discoloration of threaded surfaces during field use and storage. Metal Free will protect against galling and thread damage and seal effectively to pressures as high as 10,000 psi and temperatures in excess of 300° F. It contains no toxic materials that exceed the regulatory limits established by the EPA or by the California hazardous waste regulations.

## PACKAGING

PRODUCT NUMBER	CONTAINER SIZE	CONTAINER WEIGHT
652709	1 gallon	9 pounds plastic
652718	2 gallon	18 pounds plastic
652730	3 1/2 gallon	30 pounds plastic
652744	5 gallon	44 pounds plastic

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

