BESTOLIFE® 3010® NM SPECIAL

5 Gallon Metal Pail

PRODUCT CHARACTERISTICS

Color:	Black
Penetration: (ASTM D217)	310-340
NLGI Grade:	1
Weight/Gallon:	10.7 pounds/gallon
Thickener:	Calcium
Fluid Type:	Synthetic
Dropping Point: (ASTM D2265)	≥300°F (≥149°C)
Flash Point:	330°F (166°C)
Brushable To:	-49°F (-45°C)
Service Rating: (grease/solids)	400°F (204°C)/ 1000°F (538°C)
Friction Factor:	1.0*
Shelf Life: (Unopened container)	4 years
Contains: Amorphous and synthetic graphite and other nonmetallic additives	

*NOTE: Due to operation and equipment variables, this value may require adjustment based on field experience.

DESCRIPTION

BESTOLIFE® 3010® NM Special is a non metallic, non conductive thread compound ideal for all rotary-shouldered connections in any drilling location.

APPLICATIONS

Non metallic compound for all drill-string connections (drill pipe/tool joints/drill collars) plus premium metal-to-metal seal casing and tubing connections.

TECHNICAL DATA

BESTOLIFE® 3010® NM Special is the third generation of the highly successful BESTOLIFE® 3000® family of compounds designed and developed to address the environmental concerns related to the use of thread compounds for rotary-shouldered connections in ecologically sensitive areas of the world such as the North Sea, Nova Scotia, Newfoundland, the South Atlantic, Alaska, and Sakhalin Island. BESTOLIFE® 3010® NM Special combines the excellent low temperature application properties of BESTOLIFE® 3010® Ultra with superior downhole galling resistance and enhanced eco-toxicological properties to provide the ideal drill-string solution for all rotary-shouldered connections applications (drill pipe/tool joints/drill collars), irrespective of offshore drilling location. **(Continued on back)**

PACKAGING

PRODUCT NUMBER	CONTAINER SIZE	CONTAINER WEIGHT
656955	5 gallon	50 pounds metal

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

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BESTOLIFE® PREMIUM COMPOUNDS

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BESTOLIFE® 3010® NM SPECIAL

(Continued from front)

It is also suitable for use on metal-to-metal seal casing and tubing connections.

- Applies easily to cold wet connections exposed to seawater in ambient temperatures as low as -49° F I -45°C and yet provides optimum protection in the deepest, hottest holes. Will provide lubrication and protection to 400°F/204°C and the solids will protect to 1000°F/538°C.
- Has the ability to prevent galling of contact surfaces (including non-magnetic materials) under high bearing loads and to form a continuous gasket between the shoulders of a rotary connection during make-up. This is achieved through the innovative combination of a variety of amorphous and synthetic graphite based materials, as first used in 3000®, interacting to form a seal when compressed between the shoulders during makeup to provide performance properties equal to the very best heavy metal compounds. This gasket-like seal prevents connection washout, even under high internal fluid pressures and the combined loading of directional drilling, to provide maximum protection in the toughest conditions.
- Meets the performance requirements of many proprietary, metal-to-metal seal casing and tubing connections.
- Approved running compound for VAM® connections. For more details, recommendations per type of connection, material and conditions of use, please refer to the VAM® recommended compound chart: http://www.vamservices.com/library/files/Table%20of%20Running%20Compounds.pdf or liaise with your nearest VAM® contact.
- Meets the current OSPAR Commission Harmonised Mandatory Control Scheme regulations for the protection of the marine environment of the North-East Atlantic/North Sea.
- In November 2004 became the FIRST Category # 9 - Yellow Pipe Dope Registered in the Norwegian CHEMSDatabase for use offshore by Statoil ASA in the Barents Sea.
- Subsequently registered in UK/Netherlands (DTI/CEFAS OCNS Category E/NL HMCS Prescreening Category: R) and Denmark (PR-No. 1796806)
- Contains biodegradable greases and synthetic lubricating fluids

NOTES

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