

BESTOLIFE® 3010® NM SPECIAL



5 Gallon Metal Pail

PRODUCT CHARACTERISTICS

| | |
|--|---|
| Color: | Black |
| Penetration: (ASTM D217) | 320-350 |
| 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 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 ecotoxicological 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.



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 / -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.

