



SPECIFICATION SHEET

“3000”[®]

Nonmetallic Thread Compound For Rotary Shouldered Connections

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| COLOR | Black |
| PENETRATION | 320 - 350 (ASTM D 217) |
| WEIGHT/GALLON | 10.2 pounds/gallon |
| DROPPING POINT | 500°F/260°C (typ) |
| FLASH POINT | 385°F/196°C (min) |
| BRUSHABLE TO | 15°F/-9°C |
| SERVICE RATING | 600°F/316°C |
| TORQUE FACTOR | 1.0 (per API RP 7A1)* |
| CONTAINS | Amorphous and synthetic graphites, and other nonmetallic additives. |

Bestolife “3000”[®] has been developed and formulated to address the environmental concerns and costs, related to the use of thread compounds for rotary shouldered connections that contain high percentages of heavy metals such as lead and zinc. The performance benefit of lead and zinc is not only the ability to prevent galling of contact surfaces under high bearing loads, but also the ability to form a continuous metallic gasket as the metal powder is compressed between the shoulders of a rotary connection during make-up. This gasket-like seal prevents connection wash-out even under high internal fluid pressures and the combined loading of directional drilling. Bestolife “3000”[®] is the first totally nonmetal drilling compound to effectively provide both of these critical performance requirements. This is achieved through the innovative combination of a variety of amorphous and synthetic graphite-based materials that interact to provide performance properties similar to heavy metal-based compounds. The performance of “3000”[®] is further enhanced through the use of a premium quality, high temperature base grease. This compound has a low environmental impact, coupling with a high level of extreme pressure performance without containing any heavy metal compounds.

*API RP 7A1: “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 MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM THE MANUFACTURER.
DO NOT USE ON OXYGEN LINES OR IN OXYGEN ENRICHED ATMOSPHERES.