



THREAD SHIELD

DRILL STRING COMPOUND

DESCRIPTION

THREAD SHIELD THREAD COMPOUND is a premium quality, nonmetallic compound containing chemically inert fibers and EXTREME PRESSURE and ANTI-WEAR additives. These are blended into Jet-Lube's calcium sulfonate complex base grease, which gives a wide temperature range, superior adhesion to wet steel surfaces, resistance to water wash off and the ability to withstand invert and high-pH muds. This product is ideal for Sandvik type drill string thread designs where a low coefficient of friction is beneficial.

ADVANTAGES

- Contains no metals
- Excellent performance on high-chrome or nickel alloys
- Excellent protection against seizing and galling
- Sticks to wet joints
- Consistent rig floor make-up
- Nonconductive for monitor while drilling applications
- Designed for optimum performance on drill string connections using Sandvik type thread designs and other types of shouldered and non-shouldered seal designs. It may also be used on certain non-interference tubing thread designs when properly torque compensated.

This product is formulated to contain no detectable, leachable, volatile organics by EPA Test Method 1311-TCLP number SW846 8260B as determined by independent, 3rd party testing. Testing results are available upon request.

PRODUCT CHARACTERISTICS

Low temperature applicability (@-18°C)	Pass
Color	Yellow
Thickener	Cal sulfonate Complex
Fluid Type	Petroleum & polymers
Dropping Point (ASTM D-2265)	≥450°F (232°C)
Specific Gravity, typical	1.28
Density (lb/gal), typical	10.66
Oil Separation (ASTM D-6184)	<5.0
WT. % LOSS @ 212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
Water Spray-off (ASTM D-4049)	<37% Loss
NLGI Grade	2
Penetration @ 77°F (ASTM D-217)	265 – 295
Copper Strip Corrosion (ASTM D-4048)	1A, typical
Service Rating	-22°F to 535°F (-30°C to 280°C)
Brushable From	-10°F to 446°F (-23°C to 230°C)

LIMITED WARRANTY

For warranty information please visit http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf