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236

with enhanced corrosion inhibitors

METAL-FREE TOOL JOINT AND DRILL COLLAR COMPOUND

PRODUCT DESCRIPTION

236 Metal-Free Tool Joint and Drill Collar Compound provides maximum protection to the drill string. 236 prevents galling, seizing, thread damage, and excessive wear resulting in prolonged tool joint and drill collar life. This non-contaminating tool joint and drill collar compound resists washout and will not harden or dry out in the connection.

236 is a metal-free tool joint and drill string compound which enables ease of makeup and breakout of all joints and provides the required thread and shoulder protection under various operating conditions. The absence of metals and presence of corrosion inhibitors make 236 a superior tool joint and drill collar compound. It is an environmental alternative to compounds which contain metals such as zinc or copper.

APPLICATION

THREAD PREPARATION: MAKESURE PIPE THREADS ARE CLEAN AND FREE OF ALL CONTAMINANTS. DO NOT apply 236 before proper conditioning has been done to pipe which has been exposed to H₂S, CO₂, or downhole chemicals. Carefully wash threads with Aqua Cure™ 690 to remove any salt deposits, residual chlorine from thread cutting operations, dirt, and grease. Use a stiff or wire brush to remove all rust and corrosion. **DRY THREADS COMPLETELY BEFORE APPLICATION.** All residual water from cleaning procedure, re-threading operations or hydrostatic testing should be completely dried and treated using moisture displacer, such as 130 Water Displacer and Corrosion Inhibitor.

APPLICATION INSTRUCTIONS: 236 Metal-Free Tool Joint and Drill Collar Compound should be applied with a #2 dope brush or other equipment specifically designed for use with thread compounds (avoid using a paint brush). Use the dope brush bristles to force the compound into the roots of the threads. Take care to cover the entire threaded area. **A VISUAL INSPECTION IS ADVISED.** For optimum protection apply 236 to thread protectors as well. If these procedures are not followed, corrosion and pitting may occur.

INSPECTION: One month after application of 236, thread protectors should be randomly removed and inspected for corrosion. Subsequent inspections are recommended every three months.

TYPICAL OBSERVATIONS

Color	Black
Texture	Smooth
Density, lb/gal @ 77°F (25°C)	8.73
Specific Gravity @ 77°F (25°C)	1.05
Dropping Point, ASTM D-2265	>500°F (260°C)
Flash Point, ASTM D-92	>400°F (204°C)
Penetration, ASTM D-217	
worked @ @ 77°F (25°C)	295–325
Base Oil Viscosity, cSt @ 77°F (25°C)	360
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Evaporation Loss,	
ASTM D-972 @ 210°F (98°C)	1.2%
Oil Separation, ASTM D-1742	
@ 77°F (25°C)	0.1%
Oxidation Stability, ASTM D-972	
@ 210°F (98°C) 72 hrs. PSI Loss	5
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	Nil
Friction Factor, API RP 5A3 Annex I	1.0
Corrosion Resistance, ASTM B-117	1000+ hrs
Brushability Passes At	-18°C (0°F)
Temperature Range	20°F to >450°F (-6°C to >232°C)
Shelf Life (unopened container)	Four years

BENEFITS

- Metal-free
- Non-contaminating
- Protects against galling and seizing
- Washout resistant
- Inhibits corrosion
- Friction factor of 1.0 as per API

ANTI-SEIZE/EXTREME
TEMPERATURE
COMPOUNDS

CLEANERS &
DEGREASERS

MULTI-PURPOSE
GREASES

PIPE COATINGS

PIPE STORAGE
COMPOUNDS

PUMP PACKINGS

RUST AND CORROSION
INHIBITORS

SPECIALTY FLUIDS

SPECIALTY LUBRICANTS

SPECIALTY SEALANTS

SPECIALTY OILS
& ADDITIVES

THREAD COMPOUNDS
(DRILLING/TOOL JOINT,
TUBING/CASING)

THREAD LOCKING
COMPOUNDS

THREAD SEALANTS

VALVE LUBRICANTS,
SEALANTS AND
CLEANERS

WIRELINE GREASES
& LINE SPRAYS



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Made in U.S.A.

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