Seal-Guard™

PREMIUM THREAD COMPOUND

DESCRIPTION

JET-LUBE® Seal-Guard™ is a metal-free premium thread compound formulated for proprietary metal-to-metal seal and high-interference OCTG connections, including high-chrome and high-alloy steels.

Its advanced CZ-EX® PLUS grease technology combines polymers and fine solid lubricants to provide high film strength, consistent friction and galling protection under heavy loads.

The small-particle formulation allows proper engagement of premium connections and adheres to wet or oily threads. It may not provide optimum sealing on buttress thread forms.

ADVANTAGES

- Metal-free formulation for premium connection designs
- High film strength and resistance to galling
- Fine particles for proper connection engagement
- Ideal for high-chrome and high-alloy steels
- Friction factor 1.0 relative to API Modified
- H_2S inhibited
- Adheres to wet or oily thread surfaces
- 6–9 months storage protection on properly prepared connections
- Conforms with API 5A3 for casing, tubing and line pipe

APPLICATIONS

Recommended for premium mechanical-seal and 8-round OCTG connections, flow lines, nuts, bolts and jacking systems.

ENVIRONMENTAL

OSPAR HOCNF: Red classification for Norway; D classification for the United Kingdom and Netherlands.

PRODUCT CHARACTERISTICS

Property	Typical Value	Test Method
Colour	Black	—
Thickener	Complex	—
Fluid Type	Petroleum	—
Cone Penetration	325–345	ASTM D-217
Specific Gravity	1.24–1.28	—
Density (lb/gal)	10.3–10.7	—
Flash Point	>550°F (288°C)	ASTM D-92
Dropping Point	>450°F (232°C)	ASTM D-2265
Four-Ball Weld Point	≥620 kgf	ASTM D-2596
Friction Factor	1.0	—
Service Rating	-20°F (-29°C) to 450°F (232°C)	—

Friction characteristics vary by premium connection design. Verify make-up torque with the connection manufacturer.

Distributed By

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LIMITED WARRANTY

Warranty information:
www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf