

# Green-Seal® II Thermal



Green-Seal® II Thermal is a premium grade non-metallic thread compound that is formulated as a sealant and a lubricant for tubing and casing. This compound was originally developed to comply with the requirements of the California Code on the regulation of toxic substances. Green-Seal® II Thermal contains chemical inhibitors to resist the attack of H2S as well as providing protection against pitting corrosion. It exceeds the technical specifications of API bulletins 5A2 and 5A3.

## ▶ SERVICE RECOMMENDATIONS

Green-Seal® II Thermal is recommended for use on all API casing, tubing and premium threaded connections in extreme temperature conditions.

## ▶ PERFORMANCE CHARACTERISTICS

- Formula contains corrosion and H2S inhibitors
- May be used on tubulars in both running and storage applications (if the threads are covered with compound and have protectors, the tubulars may be taken out of storage and run without need of re-application)
- Tubulars may be stored for up to 2 years
- Highly resistant to water and provides a barrier to pitting corrosion

## ▶ PRODUCT SPECIFICATIONS

Thickener	Calcium Complex Sulfonate
Fluid Type	Petroleum / Synthetics
Flash Point	> 180°C / 356°F
Service Rating	371°C / 700°F
NLGI Grade	1
Color	Black
Friction Factor	0.92
Pen Range	300 – 360 (ASTM D217) seasonal adjustment
Brushability	-18°C / 0°F
Drop Point	> 204°C / 400°F

## ▶ PACKAGING

10 l steel / 2.5 gallon	Net 13.6 kg / 30 lb
20 l steel / 5.0 gallon	Net 22.7 kg / 50 lb

**Note:** The torque correction factor is influenced by a variety of conditions such as pipe size, thread geometry, drilling mud contaminants, and drilling environment. In all applications experience and prior knowledge should be used to adjust make-up torques as the torque correction number provided is relative.

**Warranty:** This compound shall be free of defects at time of manufacture. Warranty shall be limited to the refund of the purchase price. All other liability is negated and disclaimed and Topco Oilsite Products shall not be liable for consequential or incidental damages.



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