

# API Modified



API Modified is the industry recognized standard for a tubing and casing compound. It is blended according to API Bulletin 5A3 using a premium grade grease as the carrier of the solid components. API Modified has been used on most common thread profiles to lubricate during make-up and breakout as well as seal the helix of the connection during production cycles.

Topco uses lithium based grease that has both anti-wear and extreme pressure additives to prevent galling and tubular damage. The grade of the base grease is seasonally adjusted to ensure pliability and ease of compound application during severe temperature changes.

## ▶ SERVICE RECOMMENDATIONS

All API tubing, casing, and line pipe connections including EUE, Buttress, and wedge style threads.

## ▶ PERFORMANCE CHARACTERISTICS

- Complies with API 5A3 physical and chemical testing requirements
- Recommended for most thread profiles
- Contains corrosion inhibitors for tubulars in storage
- Contains anti-seize additives for extreme torque
- Available in a winter grade formula

## ▶ PRODUCT SPECIFICATIONS

Thickener	Lithium 12-Hydroxystearate / Complex
Fluid Type	Petroleum
Flash Point	>180°C / 356°F
Service Rating	200°C / 392°F
NLGI Grade	1
Colour	Brown / Copper
Friction Factor	1.0
Pen Range	300 – 360 (ASTM D217) seasonal adjustment
Brushability	-40°C / -40°F
Drop Point	>160°C / 320°F

## ▶ PACKAGING

11 l steel / 3.0 gallon	Net 15.9 kg / 35 lb
20 l steel / 5.0 gallon	Net 22.7 kg / 50 lb
208 l steel / 55 gallon	Net 295 kg / 650 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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