

API-MODIFIED HIGH PRESSURE THREAD COMPOUND

DESCRIPTION

API-Modified is a high-pressure thread compound that conforms to or exceeds the requirements of API RP5A3 (former API BUL 5A2) and ISO 13678 Annex A. It also contains rust and oxidation inhibitors blended in JET-LUBE's water resistant grease compounded from custom-refined, low-sulfur oil to ensure brushability over a wide temperature range. It tenaciously adheres to all surfaces, resists water washout, and prevents rust & corrosion.

API-Modified will seal and withstand pressures to 10,000 psi and will not harden or dry.

API-Modified reduces friction in the makeup of casing and tubing, preventing galling and wear. Maximum thread engagement is ensured, providing optimum leak resistance.

API-Modified contains inhibitors that provide maximum protection against rust and corrosion of threaded surfaces. Its conductivity reduces the possibility of electrolytic corrosion by preventing the formation of galvanic cells in the presence of salt water and other corrosive fluids.

APPLICATIONS

API-Modified is specially formulated for use on API casing, tubing connections (i.e. buttress & 8-Round), line pipe, flow lines, subsurface production tools, tank batteries, and will lubricate, seal and protect threaded connections of oilfield tubular goods on makeup, in service, and in storage. It is also approved for most proprietary mechanical seal connection designs.

- Meets or exceeds API RP 5A3/ISO 13678 requirements
- Additives for rust and corrosion protection
- Excellent lubrication qualities prevent galling and wear
- · Sticks to wet and oily threads
- Brushable over a wide temperature range
- Leak prevention to 10,000 psi on API Connection designs and higher on mechanical seal connection designs.

PRODUCT CHARACTERISTICS

Thickener		Soap
Fluid Type		Petroleum
Color/Appearance		Black / Brown
Dropping Point (ASTM D-56	6)	>280°F (138°C)
Specific Gravity		1.97
Density (lb. /gal)		16.4 Typical
Flash Point (ASTM D-92)		>430°F (221°C)
NLGI Grade		1
Penetration @ 77°F		310 - 340
(ASTM D-217)		
Copper Strip Corrosion		1A
(ASTM D-4048)		
4-Ball (ASTM D-2596)		
Weld Point, kgf		800
Load Wear Index	1	>130

Maximum Operating Temperatures are based upon connection designs.

(API connection designs): 300°F

Mechanical Seal Connection Designs: (typically well above 300°F) <u>Consult connection Mfg.</u>

Not recommended for rotary shouldered connections.

Shelf Life: 5 years from manufacture date under nominal storage conditions.

LIMITED WARRANTY

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

You can also email us at <u>sales@ietlube.com</u> Or write to the Sales Department at the address below.

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