

## TC API Modified

High Pressure Thread Compound for Casing, Tubing and Line Pipes



### YOUR BENEFITS

- MOLYGRAPH® TC API Modified has been designed for high pressures and temperatures up to 177°C. The compound is formulated as per API RP 5A3. TC API Modified resists water washout and prevents galling of threads during make up. Does not oxidize, harden, dry out or evaporate. Has good brushability over a wide range of service temperature band.
- Service Rating: (-) 18°C [0°F] to (+) 177°C [350°F].

### APPLICATION

- For Lubrication, sealing and protection of Casing, Tubing & Line Pipes.
- Compound conforms to and exceeds requirements of API RP 5A3.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth
Colour	Visual	-	Blackish
Base oil (of Flash Point)	ASTM D 92	°C	220
Density @ 25°C	CTM 69	g/cc	1.55
NLGI Grade	-	-	#1
Worked penetration@ 25°C	ASTM D 217	0.1 mm	310 – 340
Dropping Point	ASTM D 2265	°C	180
Four ball weld load	ASTM D 2596	Kgs	800
Copper Strip Corrosion @100°C	ASTM D4048	Rating	1a
Evaporation Loss @ 100°C	App. D*	%	2 Max
Oil Separation @ 66°C	App. E*	%	5 Max
Brushability	App. F*	°C	(-)18
Solid Contents (as per API 5A3)	-	%	64 ± 2.5

The values quoted above are typical and do not constitute a specification.

#### CAUTION :

Compound not recommended for rotary shouldered connections.

Do not use on Oxygen lines or in atmospheres that have high content of Oxygen.

#### INDUSTRY:

Oil & Gas

#### PACK SIZE:

50 Kg Bucket

#### SHELF LIFE:

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.