

## Pipe Thread and Tool Joint Compound

### Description

MOLYSLIP API Modified is a water resistant high pressure assembly and thread compound based on highly refined mineral oil thickened with lithium soap. The product is specifically designed to prevent seizure of threaded connections on oilfield equipment such as drill rods, casings, production tools and tubing etc and is formulated to meet the requirements of API BUL 5A3.

The excellent lubricating properties of the high metallic solids content of MOLYSLIP API Modified reduces friction during assembly preventing galling, 'pick-up', seizure and wear. The inclusion of anti-corrosion and anti-oxidant additives make the product particularly suitable for use under the most aggressive conditions in corrosive wet/humid, dirty or chemical environments, where a high degree of water washout resistance is required, and effective over a wide temperature range.

**Note: Molyslip API Modified** is not recommended for 'shouldered' connections

### Features and benefits

- Low sulphur content
- Brushable at low temperature (down to -18°C)
- Excellent load carrying and anti-wear properties
- Allows consistent joint make-up
- Highly effective protection against corrosion
- Outstanding resistance to water washout
- Can be applied to cold, damp equipment

### Packaging

18kg

# Technical data

## API Modified



### Instructions for use

MOLYSLIP API Modified should be applied manually by brush to clean, degreased and dry (where possible) tool joint threads and shoulders.  
For best results apply to both mating surfaces.

### Technical data (typical values)

Property	Test method	Result
Appearance	-	Smooth grey paste
Worked penetration	IP50	265-295
NLGI classification	-	2
Drop point	IP132	>180°C
SG (kg/l)		1.7
Corrosion resistance (EMCOR)	IP220	0:0
Solids content	-	>60%
4-ball weld load	IP239	500kg
Operating temperature range	-	-20°C to +200°C

### Storage

Store MOLYSLIP API Modified out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.  
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