

# Technical data

# TAP Chlorine Free

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

## Chlorine free lubricants for drilling, reaming and tapping

### Description

MOLYSLIP TAP Chlorine free is a range of premium performance lubricants designed for severe metal working operations such as drilling, reaming and tapping. They are formulated to meet the latest health, safety and environmental standards. All of the products in the range are free from mineral oil, chlorinated paraffins and other hazardous components.

MOLYSLIP TAP Chlorine free products possess outstanding lubrication and extreme pressure properties to provide excellent surface finish to components and to protect tooling from wear and damage. They are suitable for most drilling, reaming and tapping (spiral point, spiral flute and fluteless) operations on most metals. However it is advised that compatibility is checked prior to use as the sulphurised extreme pressure additives may interact with some metals. For situations where sulphur must be avoided it is advised that TAP AQUA is used.

### Features and benefits

- Excellent extreme pressure and anti-wear performance
- Chlorine and mineral oil free
- Maximises tool life in arduous operations
- Available in liquid, paste and aerosol form

### Instructions for use

MOLYSLIP TAP Chlorine free should be used as supplied. Apply a small amount of lubricant directly to the tool – or into the drilled hole. TAP chlorine free compound can be applied by brush. Do not apply to rotating tools.

### Packaging

Compound: 450g tin and 4.5kg pail

Liquid: 350ml bottle, 400ml aerosol, or 5ltr

# Technical data

## TAP Chlorine Free



### Technical data (typical values)

Property	Test method	Chlorine free liquid	Chlorine free compound
Appearance	-	Brown liquid	Brown soft paste
Kinematic viscosity at 40°C	MSTM27	120 cSt	-
Melt point	IP371	-	52°C
Unworked penetration	IP50	-	370 mm <sup>-10</sup>
Copper corrosion	IP112		4b
4-ball weld load	IP239		800kg
Chlorine content	-		Nil
Mineral oil content	-		Nil

Results for TAP Chlorine free spray are the same as Chlorine free liquid

### Storage

Store MOLYSLIP TAP Chlorine free 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.  
Issue date 06-17