

Technical data

TAP Plus Spray

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.

High performance lubricant for metal cutting

Description

MOLYSLIP TAP Plus Spray is a high performance lubricant designed for severe metal working operations such as drilling, reaming and tapping in easy to use aerosol format. The product is a highly concentrated blend of lubricity and reactive extreme pressure and anti-wear additives. MOLYSLIP TAP Plus Spray is formulated to meet the latest health, safety and environmental standards and free from mineral oil, short and medium chain chlorinated paraffins and other hazardous components.

MOLYSLIP TAP Plus Spray provides excellent surface finish to components and protects tooling from wear and damage. Suitable for drilling, reaming and tapping (spiral point, spiral flute and fluteless) operations on most commonly encountered workpiece materials, the product is also ideally suited for applications such as punching, piercing and blanking of light gauge materials.

Compatibility with non-ferrous metals should be checked prior to use as the sulphurised extreme pressure additives in MOLYSLIP TAP Plus Spray may interact and result in surface discolouration.

Features and benefits

- Excellent extreme pressure and anti-wear performance
- Maximises tool life in arduous operations
- Improves surface finish
- Facilitates increased metal removal rates
- Easy to use aerosol format

Packaging

Spray: 400ml aerosol

Molyslip, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester, M44 5EG, UK
Tel: +44 (0)161 804 4700 Fax: +44 (0)161 804 4701 enquiries@molyslip.co.uk www.molyslip.co.uk

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Instructions for use

Shake can well before use.

Apply a thin, even film directly to either the tool or workpiece from a distance of 15-30cm (6-12inches).

Note: Aerosol format facilitates application to 'live' tooling.

Technical data (typical values)

Property	Test method	Result
Appearance	-	Amber liquid*
Kinematic viscosity at 40°C	MSTM27	105 cSt*
4-ball weld load	IP239	>800kg*
Copper corrosion (3 hours at 100°C)	IP112	3c*
Solvent	-	Hydrocarbon
Aerosol propellant	-	Hydrocarbon
Silicone content	-	Nil

Note: * Results of applied film after evaporation of carrier solvent

Storage

Store MOLYSLIP TAP Plus Spray 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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