

TECHNICAL DATA SHEET

ECO-TAP SPRAY

Drill/Tap/Cut

Code 7402

DESCRIPTION

Callington's Eco-Tap Spray is an aerosol applied metal cutting lubricant designed to improve difficult machining operations on metals such as Stainless-Steel alloys, Titanium and Nickel alloys. Unique lubricity and surfactant technologies provide superior lubrication to conventional mineral oil-based neat cutting oils and soluble oils, without the use of chlorinated or sulphurised additives.

Eco-Tap Spray penetrates quickly, ensuring lubrication at the cutting edge in particularly where access is difficult to improve tool life and surface finish.

FEATURES & BENEFITS

- Fast and convenient controlled application – reaches work piece in difficult locations
- Compatible with yellow metals therefore safe to use in machines with copper, brass and bronze components
- Mineral oil, chlorine, boron, silicone, formaldehyde release biocide and nitrite free, safe to use and friendly to the environment
- Excellent corrosion protection
- Prevents welding – ideal with difficult metals
- Penetrates well into deep holes and slots

AREAS OF APPLICATION

- Deep Hole Drilling
- Tapping
- Broaching
- Reaming

DIRECTIONS FOR USE

1. Shake can well before use.
2. Hold Eco Tap Spray can upright and spray directly onto work piece or tool from a 15 – 30 cm distance
3. Use extension tube in hard-to-reach areas and spot lubrication.



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RECOMMENDED DILUTIONS (consult your Callington sales engineer for recommendation specific to your application)

Material Operation	Stainless Steel	Titanium	Nickel Alloys
Grinding Honing	4%	4%	6%
Turning Drilling Milling	5%	5%	6%
Deep Hole Drilling	5%	5%	8%
Gear Cutting	6%	6%	8%
Broaching	8%	8%	8%

PHYSICAL

Appearance:	Clear, Pale yellow liquid
Operating Temperature range (°C):	10 to +250
Propellant:	Nitrogen
Density:	1.06
Flammability:	Non-flammable
Storage:	Storage temperature should be kept under
50°C:	Storage area should be out of direct sunlight.

ORDERING INFORMATION

Product Code	Packaging
7402/300/AER	300g Aerosol

DANGER

Risk of explosion if heated under confinement. Pressurised container: May burst if heated. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

PRECAUTION

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not breathe gas. Wear protective gloves, protective clothing, eye protection and face protection. Wash all exposed external body areas thoroughly after handling.

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

STORAGE & DISPOSAL

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

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