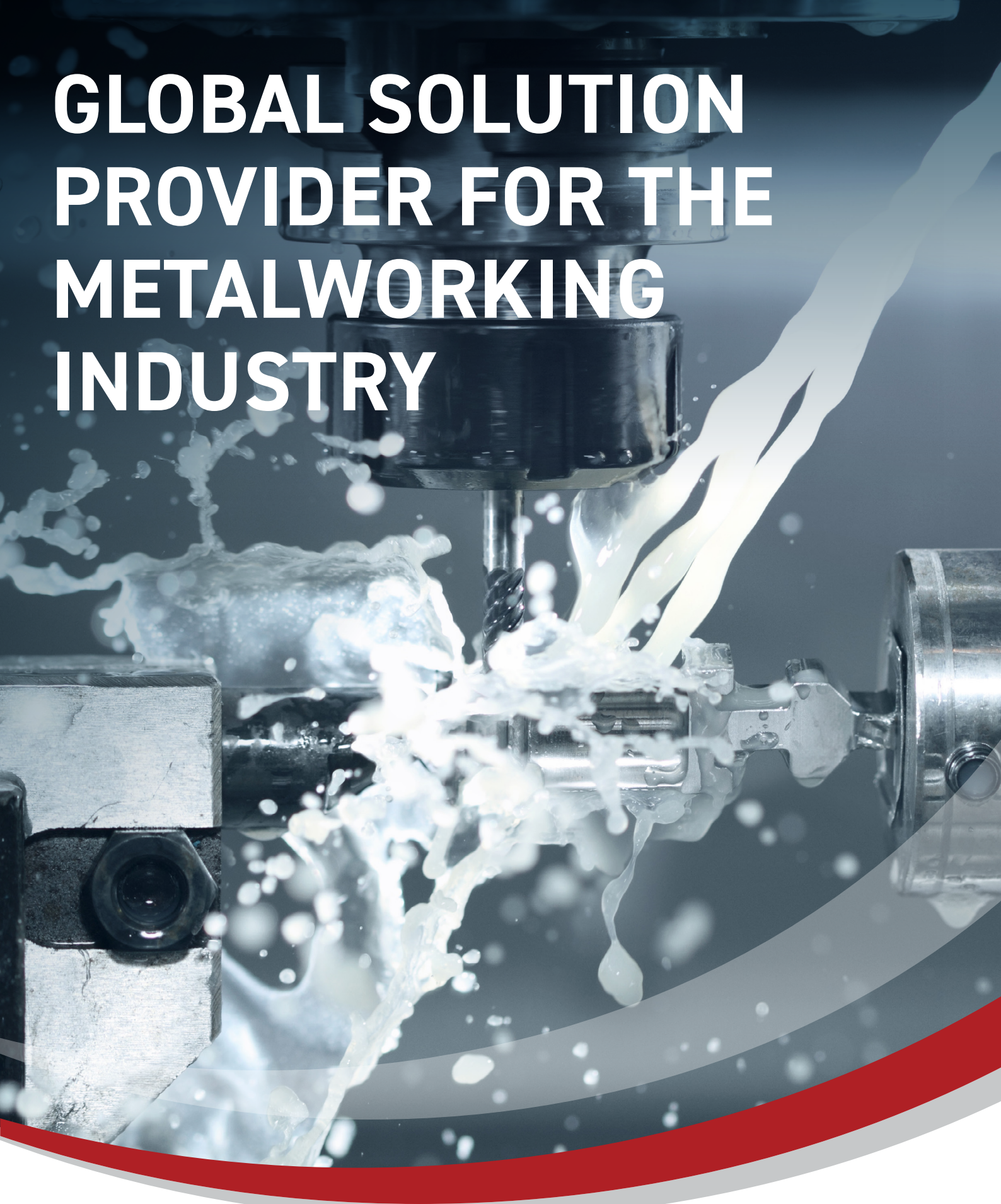


# GLOBAL SOLUTION PROVIDER FOR THE METALWORKING INDUSTRY



**Callington**  


Material	Low Si Aluminium	High Si Aluminium	Aluminium Alloys	Low Alloy Steels	Copper Alloy	High Alloy Steels	Cast Iron	Low Carbon/High Carbon Steel	Stainless Steel	Titanium	Nickel Alloys
<b>Operation</b>											
Boring	Calcool S9 SYN 85 MM SYN 85 SYN 90	Calcool S9 SYN 85 MM SYN 85	SYN 85 MM SYN 85 SYN 990	Calcool S9 SYN 85 MM GX 360 SYN 30	SYN990	Calcool S9 SYN 90 SYN 85 MM	Calcool S9 SYN 990 SYN 30	SYN 85 MM Calcool S9	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap
Broaching	SYN 90 GX 360	GX 360		GX 360 Ultra NC527		GX360 Ultra NC527 SYN 90	Ultra NC527		SYN 90	SYN 90	SYN 90
Deep Hole Drilling									Eco Tap	Eco Tap	Eco Tap
Drilling	Calcool S9 SYN 85 MM SYN 90 GX 360 SYN 85	Calcool S9 SYN 85 MM SYN 85 GX360	SYN 85 MM SYN 85 SYN990	Calcool S9 SYN 85 MM SYN 30 SYN 38 GX 360 Ultra NC527	SYN990	Calcool S9 SYN 30 SYN 38 GX 360 Ultra NC527 SYN 85 MM SYN 90	Calcool S9 SYN 30 SYN 990 Ultra NC527	SYN 30 SYN 85 MM Calcool S9 SYN 38	SYN 85 MM SYN 90 Eco Tap SYN 38	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap
General Machining	Calcool S9 SYN 85 MM SYN 85 SYN 90	Calcool S9 SYN 85 MM SYN 85	SYN 85 MM SYN 85	Calcool S9 SYN 85 MM SYN 85 SYN 30 Ultra NC527		Calcool S9 SYN 30 SYN 38 Ultra NC527 SYN 85 MM SYN 90	Calcool S9 SYN 30 Ultra NC527 Ultra NC145	SYN 30 SYN 85 MM SYN 38 Calcool S9	SYN 85 MM SYN 90 Eco Tap	SYN 90 Ultra NC145	SYN 90
Grinding	Calcool S9 SYN 85 MM SYN 85 SYN 90 GX 360	Calcool S9 SYN 85 MM SYN 85 GX 360	SYN 85 MM SYN 85 SYN 990	Calcool S9 SYN 30 SYN 38 GX 360 SYN 85 MM	SYN990	Calcool S9 SYN 30 SYN 38 SYN 85 MM SYN 85 GX 360 SYN 90	Calcool S9 SYN 30 SYN 990 SYN 38	SYN 30 SYN 85 MM SYN 38 Calcool S9	SYN 85 MM SYN 90 SYN 38 Eco Tap	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap
Honing			SYN 990	SYN 30	SYN 990		SYN 30		Eco Tap	Eco Tap	Eco Tap
Milling	Calcool S9 SYN 85 MM SYN 85 SYN 90 GX 360	Calcool S9 SYN 85 MM SYN 85 GX 360	SYN 85 MM SYN 85 SYN 990	Calcool S9 SYN 85 MM SYN 38 SYN 30 GX 360	SYN 990	Calcool S9 SYN 38 SYN 85 MM SYN 30 GX 360	Calcool S9 SYN 30 SYN 990	SYN 30 SYN 85 MM SYN 38	SYN 85 MM SYN 90 SYN 38 Eco Tap	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap
Reaming	Calcool S9 SYN 85 MM SYN 85 SYN 90 GX 360	Calcool S9 SYN 85 MM SYN 85 GX 360	SYN 85 MM SYN 85	Calcool S9 SYN 85 MM SYN 38 GX 360		Calcool S9 SYN 38 SYN 90 SYN 85 MM GX 360	Calcool S9	SYN 38 SYN 85 MM Calcool S9	SYN 85 MM SYN 90 SYN 38	SYN 85 MM SYN 90	SYN 85 MM SYN 90
Sawing			SYN 990		SYN 990		SYN 990				
Screw Cutting			SYN 990		SYN 990		SYN 990				
Tapping	Calcool S9 SYN 85 MM SYN 85 SYN 90 GX 360	Calcool S9 SYN 85 MM SYN 85 GX 360	SYN 85 MM SYN 85 SYN 990	Calcool S9 SYN 85 MM SYN 38 GX 360	SYN 990	Calcool S9 SYN 38 SYN 90 SYN 85 MM GX 360	Calcool S9 SYN 990	Calcool S9 SYN 38 SYN 85 MM	SYN 85 MM SYN 90 SYN 38 Eco Tap	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap
Threading	GX 360	GX 360		GX 360		GX 360					
Turning	Calcool S9 SYN 85 MM SYN 85 SYN 90 GX 360	Calcool S9 SYN 85 MM SYN 85 GX 360	SYN 85 MM SYN 85 SYN 990	Calcool S9 SYN 85 MM SYN 38 SYN 30 GX 360	SYN 990	Calcool S9 SYN 85 MM SYN 90 SYN 38 SYN 30 GX 360	Calcool S9 SYN 30 SYN 990	SYN 30 SYN 85 MM SYN 38 Calcool S9	SYN 85 MM SYN 90 SYN 38 Eco Tap	SYN 85 MM SYN 90 Eco Tap	SYN 85 MM SYN 90 Eco Tap





## /// METAL CUTTING FLUIDS - SYNTHETIC.....

### SYN 30

#### General Purpose Synthetic Metalworking Coolant

- For grinding and light to medium severity machining operations on ferrous materials
- Rejection of tramp oil for easy removal
- Low foaming in all water conditions
- Excellent stability and resistance to microbial growth
- Mineral oil, chlorine, phenol, and nitrite-free
- Excellent corrosion protection even in hard water conditions

Item Code	Packaging
7120/51	20L
7120/64/AU	200L

### SYN 990

#### Synthetic Metalworking Coolant

- Optimised lubricity additives and detergency mineral oil free
- Designed for grinding light to medium duty machining of cast iron, ferrous alloys, aluminium alloys, and copper alloys
- Multi-metal compatibility
- Excellent anti-corrosion properties to protect machine tools and components
- Excellent wetting properties reduce "drag out" and product usage

Item Code	Packaging
7170/30	1L
7170/42	5L
7170/51	20L
7170/64	200L



**SYN 85**

**Synthetic Water-based Metalworking Coolant**

- For light to high severity machining of aluminium and aluminium alloys
- Excellent wetting properties, reducing “drag out” and product usage
- Excellent tramp oil rejection means cleaner machines and components

Item Code	Packaging
7138/51	<b>20L</b>
7138/64	<b>200L</b>



**SYN 90**

**Synthetic Water-based Metalworking Coolant**

- Unique lubricity and surfactant technologies provides superior lubrication compared to conventional mineral oil based
- For difficult applications: Alloy Steel, Titanium, Nimonics
- Low foaming in all water conditions, eliminating the use of antifoams
- Compatible with yellow metals therefore safe to use in machines with copper, brass, and bronze components

Item Code	Packaging
7141/51	<b>20L</b>
7141/64	<b>200L</b>

**SYN 38**

**General Purpose Synthetic Metalworking Coolant**

- For grinding and medium to difficult operations on cast iron, ferrous and ferrous alloys
- Rejection of tramp oil for easy removal
- Low foaming in all water conditions
- Excellent stability and resistance to microbial growth
- Mineral oil, chlorine, phenol, and nitrite-free
- Excellent corrosion protection even in hard water conditions

Item Code	Packaging
7128/51	<b>20L</b>

**SYN 85 MM**

**Synthetic Water-based Metalworking Coolant - Multi Metal**

- For light to high severity multi metal machining including aluminium, aluminium alloys, steel alloys and titanium
- Low foaming in all water conditions
- Excellent stability and resistance to microbial growth
- Unique technology provides exceptional machining performance and extends tool life
- Excellent corrosion protection even in hard water conditions

Item Code	Packaging
7137/51	<b>20L</b>
7137/64	<b>200L</b>



## /// METAL CUTTING FLUIDS - SEMI-SYNTHETIC.....

### **GX 360**

High Performance EP Semi Synthetic Metalworking Coolant

- One product for multi-metal machining operations
- Excellent coolant stability minimises rejects, and improves machine cleanliness
- Stable low foaming milky emulsion, with excellent wetting properties, means less drag out and lower top-up rates
- Minimises foam in high-speed systems, and trouble-free operation

Item Code	Packaging
7486/51	20L
7486/64	200L

### **CALCOOL S9**

Semi Synthetic Soluble Metalworking Fluid

- Versatility, multi metal compatible and suitable for use in a range of machining operations
- Offers potential for product rationalization
- Stable, low scumming performance in hard water environments, providing cleaner working conditions

Item Code	Packaging
7814/51	20L
7814/64	200L

## METAL CUTTING FLUIDS.....

### **ULTRA NC145**

#### Metal Free Neat Cutting Oil

- A chlorine and heavy metal free neat cutting oil, is designed for general machining of medium alloyed steel and non-ferrous metals
- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowering production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency

Item Code	Packaging
7610/51	<b>20L</b>
7610/64	<b>200L</b>

### **ULTRA NC527**

#### High Performance Neat Cutting Oil

- Used for general purpose drilling and deep drilling of ferrous metals, stainless steel and difficult alloys like inconel
- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowering production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency

Item Code	Packaging
7611/51	<b>20L</b>
7611/64	<b>200L</b>

## METAL FORMING FLUIDS - SYNTHETIC.....

### **SYNFORM TR30**

#### Synthetic Tube Rolling Fluid

- Provides excellent corrosion protection on steel
- Outstanding detergency to wash mill oil and scale from tubes and forming rolls, enhancing mill and tube cleanliness
- Quickly separates tramp oil and settles particulates to maintain clean fluid conditions
- Easily washed from tube surfaces providing a clean surface for secondary coating

Item Code	Packaging
7121/64	<b>200L</b>

### **SYNFORM GTR**

#### Synthetic Tube Rolling Fluid

- Provides excellent corrosion protection on steel
- Resistance to staining and white corrosion on galvanised tube surfaces
- Outstanding detergency, enhancing mill and tube cleanliness
- High lubricity, to prevent coated metal roll smearing, and reducing roll wear

Item Code	Packaging
7181/64	<b>200L</b>





## **/// METAL FORMING FLUIDS.....**

### **EVAP LUBE 230**

#### Evaporative Stamping Oil

- Contains high-performance boundary lubrication additives
- Outstanding wetting characteristics, provides thin, quick-drying, lubricating film
- Low residue characteristics can eliminate requirements for inter-process cleaning
- Low viscosity formulation maximises flushing effect to aid removal of particulates from punches and dies
- Reliable short-term corrosion protection
- Low odour, cleaner working environment
- Excellent operator acceptability
- Formulated on mild odour, low aromatic hydrocarbon & free from chlorinated

Item Code	Packaging
7325/51	<b>20L</b>
7325/64	<b>200L</b>

### **CALFORM SF10**

#### Tube Rolling Coolant

- Contains premium corrosion protection additive
- Stable, low scum performance in hard water environments, providing cleaner working conditions and lower top-up rate
- Low foam performance in soft water conditions, eliminating the use of antifoams
- Effective biocide system, to prevent bacterial degradation, and extend coolant life
- Chlorine, phenol, and nitrite-free

Item Code	Packaging
7510/1000	<b>1000L</b>

**MTC 50**

**Machine Tool System Cleaner**

- Low foaming and compatible with most water-soluble metalworking coolant types
- Highly effective against bacterial and fungal contaminations
- Compatible with all common metal substrates, non- staining and non-corrosive
- Maintains machine tool systems in clean

Item Code	Packaging
7010/42	5L
7010/51	20L



**PROCLEAN S30**

**High Performance Process Cleaner**

- For pressure spray cleaning of ferrous materials at ambient to 50°C
- Can be used on aluminium when used at low concentrations
- Low alkalinity

Item Code	Packaging
7127/51	20L
7127/64	200L



**PROCLEAN MW**

**General Purpose Low Alkaline Cleaner**

- For pressure spray cleaning ferrous and non ferrous materials at 40-60°C
- Versatile, can be used in a range of application equipment, on various metal substrates, providing potential for product consolidation
- Provides a bright surface finish which is protected by a temporary corrosion preventive film on the metal surface
- Emulsified oil separates on standing, allowing for removal by skimming, increasing bath life and reducing maintenance and disposal costs

Item Code	Packaging
7000/51	20L
7000/64	200L



Rust Preventative	Property	Protection Period (Months)	Recommended Application
<b>DWP 210</b>	Medium term rust preventive	Outdoor Storage: 3 Indoor Storage: 6	<ul style="list-style-type: none"> <li>Local transport to customers</li> <li>Work in process</li> </ul>
<b>DWP 220</b>	Long term rust preventive	Outdoor Storage: 6 Indoor Storage: 12	<ul style="list-style-type: none"> <li>Shipping parts to overseas</li> <li>Slow moving inventory for customers</li> </ul>
<b>DWP 300</b>	Short term rust preventive	Outdoor Storage: 1 Indoor Storage: 3	<ul style="list-style-type: none"> <li>Local transport to customers</li> <li>Work in process</li> </ul>
<b>DWP 80</b>	Dewatering fluid	Outdoor Storage: <1 Indoor Storage: <1	<ul style="list-style-type: none"> <li>Pretreatment process for sensitive material</li> <li>Local transport to do surface treatment</li> </ul>
<b>DWP 510</b>	Short term rust preventive	Outdoor Storage: 1 Indoor Storage: 3	<ul style="list-style-type: none"> <li>Short term protection which required low odour and high flash point</li> </ul>

### DWP 210

#### Dewatering Rust Preventive

- Excellent water displacing capability
- Provides a clean separation from water or alkaline solutions, allowing for easy separation and longer bath life
- Highly penetrative, forms an even, unbroken protective film
- High stability and resistance to acidic and alkaline contaminants, ensuring increased bath life
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners

#### Item Code

#### Packaging

7700/18  
7700/64

**18L**  
**200L**

### DWP 220

#### Dewatering Rust Preventive

- Excellent water displacing capability
- Provides a clean separation from water or alkaline solutions, allowing for easy separation and longer bath life
- Fast drying times
- Highly penetrative forms a protective coating with high film strength
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners

#### Item Code

#### Packaging

7701/18  
7701/64

**18L**  
**200L**

**DWP 300**

Dewatering Rust Preventive

- Excellent water displacing capability providing a clean separation from water or alkaline solutions, allows for easy separation and longer bath life
- Fast drying times
- Highly penetrative forms an even, unbroken protective film, which is self-healing, providing protection even during handling of parts
- High stability and resistance to acidic and alkaline contaminants
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners

Item Code	Packaging
7709/64/AU	200L

**DWP 80**

Dewatering Fluid and Drying Agent

- Excellent water displacing capability
- Provides a clean separation from water or alkaline solutions, allowing for easy separation and longer bath life
- Highly penetrative, providing excellent dewatering of components
- High stability and resistance to acidic and alkaline contaminants
- For the rapid removal of residual water from steel parts
- For accelerated drying of steel, plated surfaces, glass and optical lenses

Item Code	Packaging
7705/64	200L

**DWP 510**

Dewatering Fluid and Drying Agent

- Excellent water displacing capability
- Provides a clean separation from water or alkaline solutions, allowing for easy separation and longer bath life
- Fast drying times
- Highly penetrative forms an even, unbroken protective film, which is self-healing, providing protection even during handling of parts
- High stability and resistance to acidic and alkaline contaminants
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners

Item Code	Packaging
7710/18	18L
7710/64	200L



## HAND APPLIED METALWORKING FLUIDS.....

### **ECO-TAP LIQUID**

Drill/Tap/Cut

- Extends tool life and improves cutting
- Stability and resistance to microbial growth, providing extremely long fluid life and reducing fluid and waste treatment costs
- Excellent corrosion protection even in hard water conditions

Item Code	Packaging
7400/500	500ml Squeeze Bottle
7400/42	5L Jerry Can
7400/52	20L Jerry Can

### **ECO-TAP SPRAY**

Drill/Tap/Cut

- Penetrates well into deep holes and slots
- Excellent corrosion protection
- Compatible with yellow metals therefore safe to use in machines with copper, brass and bronze components

Item Code	Packaging
7402/300/AER	300g Aerosol



# Callington

CALLINGTON OPERATES GLOBALLY ACROSS SIX CONTINENTS AND OUR SPECIALTY PRODUCTS AND SERVICES ARE PROVIDED TO CUSTOMERS IN OVER 150+ COUNTRIES.



Callington Canada  
+1 (321)-972-2034  
canada@callington.com



Callington Thailand  
+66 2440 0686  
thailand@callington.com



Callington UK Ltd  
+33 1 64 11 33 22  
UK@callington.com



Callington Inc  
+1 (321)-972-2034  
americas@callington.com



Callington India  
+91 44 2828 2128  
india@callington.com



Callington Singapore Pte Ltd  
+65 6271 0091  
singapore@callington.com



Callington Malaysia  
+6 013 4532989  
malaysia@callington.com



Callington Philippines  
+65 6271 0091  
philippines@callington.com



Callington Vietnam  
+65 6271 0091  
vietnam@callington.com



Callington Haven Pty Ltd  
+61 2 9898 2700  
australia@callington.com



Callington Hong Kong  
+971 (0) 4 223 0133  
hongkong@callington.com



Callington Middle East  
+971 (0) 4 223 0133  
uae@callington.com



PSA Paris  
+33 1 64 11 33 22  
europe@callington.com

[callington.com](http://callington.com)