

## TECHNICAL DATA SHEET

# DWP 300

**Code 7702**

## *Dewatering Rust Preventive*

### DESCRIPTION

**Callington DWP 300** is a solvent based, medium term corrosion preventive, with outstanding dewatering properties.

The solvent, after evaporation, leaves a thin, oily film, which provides medium term corrosion and stain protection to ferrous components.

### APPLICATION

**Callington DWP 300** rapidly removes water, and aqueous based treatment chemicals from ferrous components, after machining or forming with water based metalworking fluids, after cleaning with aqueous alkaline cleaners, or following surface treatments such as water based quenching, electroplating, or acid de-scaling and water rinsing.

**Callington DWP 300** is applied by dip immersion, brushing or spraying. Immersion of the component or part to be protected in a dip tank, is the preferred method of application, as this optimises the dewatering action of the fluid.

### BENEFITS

- Excellent water displacing capability, and provides a clean separation from water or alkaline solutions, allowing for easy separation and longer bath life.
- Fast drying times and economical in use, provides high productivity and lower process costs.
- 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, ensures increased bath life and protection.
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners, ensures compatibility with subsequent operations.

**TYPICAL DATA** (note: data is typical and does not constitute a specification).

Specification	Unit	Test Method	Value
Appearance		Visual	Light Brown, Clear
Flash Point	°C	DIN 51 755	>35
Film Type			Oily
Film Thickness	microns		0.5 -1.0
Corrosion Protection	months	Indoor Storage	9
	months	Outdoor Storage	3
Water Displacement	sec		<20

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Drying Time	mins		<60
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- Film thickness specified is average value. Actual film thickness depends on the surface finish of the part, as well as geometry, such as holes/recesses.
- Actual drying time can vary due to ambient temperature and relative humidity.
- Indoor storage refers to the storage of parts in closed storage with relative humidity of 60% or less.
- Outdoor storage refers to open storage which assumes primary protection from the elements by some form of waterproof cover.

### STORAGE

Keep container closed, prevent exposure to frost, and prevent water ingress. Store in cool, dry conditions, and avoid direct sunlight. Indoor storage is preferable.

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Created 11 November 2011 Date Printed 28/03/2018 4:25 AM