

TECHNICAL DATA SHEET

DWP 510

Code 7704

Dewatering Rust Preventive

DESCRIPTION

Callington DWP 510 is a low odour rust preventive, short term corrosion preventive. Corrosion and stain protection are provided by a residual light oily film, after evaporation of the solvent.

FEATURES & 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



APPLICATION

Callington DWP 510 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.

Callington DWP 510 rapidly removes residual water from parts or components which have been machined or washed using aqueous cutting fluids or cleaners. The protective oily film provides effective short-term corrosion and stain protection on parts during inter-process storage or transportation.

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

Test	Method	Units	Data
Appearance	Visual	-	Clear amber
Density @ 30°C	ASTM D4052	g/mm ³	0.815
Flash Point °C	ASTM D93	°C	70
Film Thickness	-	Microns	3.0 – 4.0
Corrosion Protection	Indoor Storage	Months	6
	Outdoor Storage	Months	3

- 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.

ORDERING INFORMATION

Product Code	Packaging
7710/18	18 litres
7711/64	200 litres

STORAGE

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

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