

## TECHNICAL DATA SHEET

# DWP 510

## *Rust Preventive Oil*

### DESCRIPTION

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

### 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.

### BENEFITS

- Excellent water displacing capability, and 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, 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).

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

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### Remark

- 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.

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