TECHNICAL DATA SHEET

DWP 320

Code 7704

Dewatering Rust Preventive

DESCRIPTION

Callington DWP 320 is a water displacing, medium to long term rust preventive, providing up to 18 months indoor protection.

It is composed of corrosion inhibitors, dewatering and wetting agents, and petroleum based waxes, in a hydrocarbon solvent.

The solvent, after evaporation, leaves a firm, greasy film, which provides corrosion and stain protection to ferrous components.

APPLICATION

Callington DWP 320 is designed for use in conditions where a high level of rust protection is required It is ideal for the protection of machine tools and ferrous manufactured components, prior to storage or transportation.

Callington DWP 320 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 a protective coating with high film strength, which is self healing and with finger print suppressing properties, preventing finished work from being damaged by handling.
- Easily cleanable using solvent cleaners or aqueous alkaline cleaners, ensures compatibility with subsequent operations.

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

Specification	Unit	Test Method	Value
Appearance		Visual	Light Brown, Clear
Flash Point	^{o}C	DIN 51 755	>35
Film Type			Firm, Greasy
Film Thickness	microns		4.0
Corrosion Protection	months	Indoor Storage	18
	months	Outdoor Storage	9
Water Displacement	sec		<20
Drying Time	mins		<60

- 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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Callington Haven Pty Ltd (Incorporated in NSW, ACN 000 632 404)
30 South Street, Rydalmere NSW 2116 Australia.
Email: australia@callington.com Telephone: +61 2 9898 2788