



Product Data

Rustilo™ DW 904

Dewatering corrosion preventive

Description

Castrol Rustilo™ DW 904 is a powerful, solvent deposited corrosion preventive with excellent dewatering properties. After evaporation of the solvent, the product leaves a thin oily protective film. Rustilo DW 904 complies to BIS 1154 specifications.

Application

Rustilo DW 904 can be applied directly to water wet metal surfaces after machining with soluble cutting fluids, or from parts that have been washed. The product can rapidly displace water from very intricate assemblies and components. The oily residual film provides effective medium term protection against corrosion during intermediate storage. Rustilo DW 904 is particularly recommended for protection of components (e.g. fasteners) which are to be subsequently wrapped in paper.

Although Rustilo DW 904 can be applied by brushing or spraying, its dewatering action is most effective if the articles to be protected can be immersed in a dip tank.

Advantages

- Contains a corrosion inhibitor package suitable for moderate conditions which provides reliable protection of components.
- Excellent water displacement and penetrating properties avoid water entrapment and corrosion under film
- Fast drying time helps to achieve high levels of productivity
- If required protective films of Rustilo DW 904 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear and bright amber fluid
Density @ 29.5 °C	ASTM D4052	g/ml	0.82
Flash Point, COC	ASTM D92	°C	40
Film Type	Visual	-	Oily
Film Thickness	In-house	µm	6 - 8
Corrosion Protection	(*) Indoor-Storage	month	6
	(**) Outdoor-Storage	month	not recommended
Coverage	In-house	m ² /liter-	50 - 60
Water displacement Test	BIS 1154	-	Pass

Subject to usual manufacturing tolerances.

Additional Information

The claims on film thickness and coverage are average values. These are valid for smooth surfaces with good drain-off characteristics and simple geometries without holes or recesses.

(*) "Indoor storage" describes the storage of ferrous components in closed store-rooms having a relative humidity of 60%. Increased protection times could be achieved by treating finished surfaces or storing the parts in a sealed pack.

(**) "Outdoor storage" describes open storage, which assumes primary protection from the elements by tarpaulin or other form of cover.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is strongly recommended to store the product indoors between 15°C and 30 °C/ 59°F and 86°F. Improper storage may cause cloudiness or additive separation, which is reversible post mixing and homogenizing. To ensure product performance and product quality, the product must be homogenized before use.

For more details, please refer to the product safety data sheet

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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

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