Product Data Sheet

Rustilo DWX 22

Dewatering corrosion preventive

Description

Castrol Rustilo™ DWX 22 is a powerful solvent deposited corrosion preventive with dewatering properties.
The product, after evaporation of the solvent, leaves a soft greasy protective film.

Application

Rustilo DWX 22 gives medium term corrosion protection. It is ideal for protection of machine tools and components prior to storage or transportation.

The product also shows water displacing properties.

Although Rustilo DWX 22 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 powerful corrosion inhibitor package suitable for moderate conditions which provides reliable protection of components.
- Good water displacement and penetrating properties which avoids water entrapment and corrosion under film
- Good stability against acidic and alkaline contaminations which enables a long bath-lifetime to help reduce operational cost.
- Good mechanical film strength and finger print suppressing properties - highly finished work is not damaged by handling which improves component quality.
- If required, protective films of Rustilo DWX 22 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, brown fluid
Density @ 15°C	ASTM D4052	g/ml	0.82
Flash Point, PM	ASTM D93	°C	42
Viscosity @ 20°C	ASTM D445	mm²/s	5.1
Film type	Visual	-	Soft greasy
Total Film Forming Content	Calculated	%	30
Film Thickness	In-house	µm	5
Coverage	In-house	m²/L	50
Drying Time @ 20°C	In-house	min	60
Corrosion Protection	(*) Indoor Storage	Month	10 - 12
	(**) Outdoor Storage	Month	4 - 6

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.

Average drying time is the time until the majority of the solvent is evaporated at ambient temperature and a relative humidity of 60 – 70%. The full corrosion protection will be provided when the solvent is completely evaporated.

(*) "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 preferable to store the product indoors between 10°C and 30 °C / 50°F and 86°F.

Product must be used in a liquid form. Influence of temperature may cause some cloudiness or thickening, which is reversible and does not have an impact on product quality or corrosion protection performance in most instances.

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

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