

Rustilo DWX 33

Dewatering corrosion preventive

Description

Castrol Rustilo™ DWX 33 is a powerful solvent deposited corrosion preventive with good dewatering properties. The product, following evaporation of the solvent, leaves a firm, greasy protective film.

Application

Rustilo DWX 33 is a long-term protective which is suited to the treatment of steel exposed to the open air, such as coiled steel sheet, strip bar and extruded steel, exposed gearing, wire ropes, etc. The film is more robust than most soft film types of preservatives, but it is recommended that some form of covering is provided of long term storage. The product also shows good water displacing properties. Although Rustilo DWX 33 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

- Based on de-aromatised hydrocarbon solvent - mild odour increases operator acceptance.
- Free from heavy metals, such as Barium - improves environmental profile and helps reducing waste disposal cost.
- Contains a powerful corrosion inhibitor package suitable for severe conditions - provides reliable protection of components.
- Good water displacement and penetrating properties and high stability against acidic and alkaline contaminations - enables a long bath-lifetime which helps reducing operational cost.
- Good mechanical film strength and finger print suppressing properties - highly finished work not damaged by handling improves product quality.

Typical Characteristics

Name	Test Method	Unit	Value
Appearance	Visual	-	Clear, brown fluid
Density @ 15 °C	ASTM D 1298	kg/m ³	827
Flash Point	ASTM D 56	°C	> 38
Film Type	-	-	Firm, greasy
Total Film Forming Content	-	%	40
Film Thickness	-	µm	7 - 9
Consumption	-	kg/100 m ²	1.5 - 2.0
Corrosion Protection	Indoor Storage	month	18
	Outdoor Storage	month	12
Drying Time @ 20 °C	-	min	120

Additional Information

- The claims on film thickness and consumption 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 just 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 when treating finished surfaces or store 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.
- Influence of temperature may cause some cloudiness or thickening, which is reversible and doesn't have an impact on product quality.
- If required protective films of Rustilo DWX 33 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

Storage

All packages should be stored under cover in a ventilated area at ambient temperature. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Rustilo DWX 33 should not be exposed to hot sun or cold temperature conditions < 9 °C.

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