

Rustilo DW 330

Dewatering corrosion preventive

Description

Castrol Rustilo™ DW 330 (previously called SafeCoat™ DW 33) is a high quality solvent deposited corrosion preventive with good dewatering properties. The solvent, after evaporation, leaves a firm greasy protective film.

Application

Rustilo DW 330 is a long term protective for use in severe conditions where a high degree of protection is required. It is ideal for protection of machine tools and components prior to long-term storage or transportation. The product also shows good water displacing properties.

Although Rustilo DW 330 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

- Good operator acceptance as based on a mild odour de-aromatised hydrocarbon.
- Heavy metals free, (example Barium) which may help to fulfil aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded.
- Contains a powerful corrosion inhibitor package suitable for severe conditions which provides reliable protection of components.
- Good water displacement and penetrating properties
- Good stability against acidic and alkaline contaminations which enables a long bath-lifetime to help reducing 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 DW 330 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

Typical Characteristics

Name	Method	Units	Value
Appearance	Visual	-	Dark brown fluid
Density @ 15°C	ASTM D4052	g/ml	0.84
Flash Point, PMCC	ASTM D93	°C	> 61.5
Film Type	-	-	Firm greasy
Total Film Forming Content	Calculated	%	40
Film Thickness	-	µm	7
Consumption	-	kg/100m ²	1.6
Corrosion Protection	(*) Indoor Storage	Month	24
	(**) Outdoor Storage	Month	12
Drying time @ 20°C	-	min	120

Subject to usual manufacturing tolerances

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 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 5°C and 45 °C / 41°F and 113°F.

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

This product was previously called SafeCoat DW 33. The name was changed in 2015.

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