

Rustilo™ 215

Polar solvent based corrosion preventive

Description

Castrol Rustilo™ 215 is a high quality polar solvent deposited corrosion preventive concentrate. The solvent, after evaporation, leaves greasy protective film.

Application

Rustilo 215 has been specifically developed for the protection of chain parts and construction elements in CVT-gears (Continuously Variable Transmission).

The concentrate is diluted with alkoxyisopropanol. The concentration depends on the required corrosion protection. The recommended application temperature range is 25 - 53 °C. Depending on the suitability of the application equipment the corrosion preventive can be used at a temperature up to 85 °C.

Rustilo 215 could be applied by dipping or spraying.

Advantages

- Based on low aromatic solvent mix
- Formulated without Barium-sulphonate
- Forms an even thin, highly effective protective film
- Film thickness can be controlled through dilution with alkoxyisopropanol
- Fingerprint suppressant
- Mild odour
- If required protective films of Rustilo 215 easily be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Brown, hazy fluid
Density @15 °C	ISO 12185 / ASTM D4052	g/ml	0.91
Viscosity @ 40 °C	ISO 3104 / ASTM D445	mm ² /s	4.9
Flash Point, PM	ISO 2719 / ASTM D93	°C	68
Film Type	Visual	-	Greasy
Corrosion Protection @ ratio: Rustilo 215 : alkoxyisopropanol = 1:2	(*) Indoor Storage	Month	8 - 12
	(**) Outdoor Storage	Month	3 - 6
Corrosion Protection @ ratio: Rustilo 215 : alkoxyisopropanol = 1:4	(*) Indoor Storage	Month	1 - 3
	(**) Outdoor Storage	Month	Not recommended

Subject to usual manufacturing tolerances.

User Advice

It is recommended to homogenise the concentrate prior diluting with alkoxyisopropanol.

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.

The full corrosion protection will only 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.

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.

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

For more details, please refer the Safety Data sheet for this product.

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