

Castrol Rustilo DW 4130

Dewatering corrosion preventive

Description

Castrol Rustilo™ DW 4130 is a soft film solvent deposited temporary corrosion preventive and dewatering fluid formulated to give excellent long-term indoor protection.

Application

Rustilo DW 4130 is used for protecting components previously exposed to water-containing machines and grinding coolants, cleaners, or water rinses and also long term indoor protection of parts and components, which are stored under humid conditions.

Rustilo DW 4130 can be applied preferably by immersion, but if impractical, the fluid may be applied by brushing or spraying.

Advantages

- Based on solvent with aromatic content less than 10 ppm.
- Stable film characteristics reduce run-off loss and thus increase process reliability.
- Excellent long-term indoor protection.

Typical Characteristics

	Unit	Test Method	Value
Appearance	-	Visual	Light brown fluid
Density @ 15 °C	kg/m ³	DIN 51 757	803
Flash Point	°C	ASTM D 93	> 58
Film Type	-	-	Oily-greasy
Total Film Forming Content	%	-	22
Film Thickness	µm	-	1.3
Coverage	m ² /litre	-	125
Corrosion Protection	Month	Indoor Storage	18
	Month	Outdoor Storage	3 - 6
Drying time	min	-	75

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, which is reversible and doesn't have an impact on product quality.
- If required protective films of Rustilo DW 4130 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

Approvals

Rustilo DW 4130 is approved by the following organisations:

- Cummins 102004
- Pratt & Whitney PMC 9119

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