



Product Data

Rustilo 4135 HF

Dewatering corrosion preventive

Description

Castrol Rustilo™ 4135 HF is a solvent-dispersed corrosion preventive. Rustilo 4135 HF displaces free standing water, and alkaline cleaners with a protective film that provides up to twelve months indoor protection. The thin, slightly greasy film suppresses fingerprints as well.

Application

Use Rustilo 4135 HF where:

- Previous operations expose the metal to water-containing machining and grinding coolants, cleaners, or water rinses.
- Long term indoor humidity protection is needed.
- Protection against an acid atmosphere is needed.
- Ease of cleanability is desired.

Advantages

- Displaces free standing water and alkaline cleaners with a protective oil film.
- Suppresses fingerprints to protect handled parts from fingerprint corrosion.
- A single coat protects ferrous and nonferrous parts stored in or near acidic environments.

Typical Physical Characteristics

	Unit	Test Method	Value
Appearance	-	CN-TM-007	Clear, amber
Specific Gravity @ 60°F (16° C)	g/cm ³	CN-TM-086	0.826 – 0.846
Viscosity @ 100°F (40°C)	SUS	CN-TM-101	35 - 38
Viscosity @ 100°F (40°C)	mm ² /s	NFT 60-100	3.2
Flash Point (COC)	°F/°C	CN-TM-039	>212°F />100°C
Barium	-	-	No
Film Type	-	-	Thin, greasy
Total Film Forming Content	%	-	10
Film Thickness	µm	-	2 – 2.5
Corrosion Protection	Month	Indoor Storage	12
	Month	Outdoor Storage	3
Fingerprint Suppression	-	MW-TM-315	Yes
Dewatering	-	MW-TM-319	Yes

User Advice

Recommended applications For best results and effective water displacement, Rustilo 4135 HF should be applied by dipping and flooding. Spraying is acceptable if the spray equipment is set to apply an adequate coating.

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 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 4135 HF can easily be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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