

Castrol Rustilo 4163

Neat corrosion preventive oil

Description

Castrol Rustilo™ 4163 is an oil-dispersed and fingerprint suppression corrosion preventive formulated to give long-term indoor protection. This product deposits a thin, slightly oily residual film, which is easily cleaned using an alkaline cleaner or vapour degreaser.

Application

Use Rustilo 4163 where:

- Operations expose the metal to water-containing machining and grinding coolants, cleaners, and water rinses.
- Parts are manually inspected or packaged
- Long-term indoor humidity protection is needed.
- Ease of cleanability is desired.

Advantages

- This product will provide excellent humidity protection for ferrous and nonferrous parts for up to two years in indoor storage.
- High flash point eliminates need for special fire equipment.
- Barium-free
- Excellent resistance to acid atmosphere for ferrous and nonferrous parts, which have been stored in or near acidic environments.
- Handled parts are fully protected from fingerprint corrosion because of specially formulated additives.

Typical Characteristics

	Unit	Test Method	Value
Appearance	-	Visual	Clear brown fluid
Specific Gravity @ 80°F (16°C)	g/cm ³	-	0.880 - 0.900
Viscosity @ 100°F (40°C)	cSt	CN-TM-101	7
Bulk Density	lbs/gal	-	7,5
Flash Point (COC)	°F/°C	CN-TM-039	220 - 230°F / 104 - 110°C
Film Type	-	-	Oily
Film Thickness	µm	-	2
Fingerprint Suppression	-	MW-TM-315	Yes
Corrosion Protection	Month	Indoor Storage	12 - 24
	Month	Outdoor Storage	Not recommended

User Advice

Recommended applications

For best results, Rustilo 4163 should be applied by dip, flood or spray method.

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.
- "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 4163 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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