Product Data

Rustilo 4163

Neat corrosion preventive oil

Description

Castrol Rustilo™ 4163 is an oil-dispersed and fingerprint suppression corrosion preventive oil. The product deposits a thin, slightly oily residual film.

Application

Rustilo 4163 has been designed for use in conditions where a high degree of indoor humidity protection is required. The product is suited for applications where the metal has been exposed to water-containing machining and grinding coolants, cleaners, and water rinses.
Further Rustilo 4163 is recommended for use when parts are manually inspected or packaged and wherever ease of cleanability is desired

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

Advantages

- Provides excellent indoor humidity protection for ferrous and nonferrous parts
- High flash point eliminates need for special fire equipment
- 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.
- 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
- If required protective films of Rustilo 4163 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear brown fluid
Density @ 16°C / 60 °F	ASTM D1298	g/ml	0.89
Kinematic Viscosity @ 40 °C	ASTM D445	mm²/s	7
Film Type	-	-	Oily
Film Thickness	-	µm	2
Fingerprint Suppression	MW-TM-315	-	Yes
Flash Point (COC)	ASTM D92	°C / °F	104-110 / 220-230
Corrosion Protection	(*) Indoor Storage	Month	12 - 24
	(*) Outdoor Storage	Month	Not recommended

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.

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(*) "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.

Influence of temperature may cause some cloudiness, which is reversible and doesn't have an impact on product quality.

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

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