



Product Data

Rustilo™ DW 90 HF

No Odor Dewatering Corrosion Preventive

Description

Castrol Rustilo™ DW 90 HF (previously called SafeCoat™ DW 90) is a no odor, oil-dispersed, water-displacing, fingerprint suppression corrosion preventive uniquely formulated to be compatible with synthetic tube mill products. This product deposits a thin, slight oily residual film, which is easily cleaned using an alkaline cleaner or vapor degreaser.

Application

Rustilo DW 90 HF is designed for conditions in which a no odor environment is desired. Ideally suited for applications where parts are previously exposed to water containing machining and grinding coolants, cleaners, and water rinses. This product provides an excellent solution to environmental conditions where low VOC levels are required. Long term indoor humidity protection is incorporated into the product design. Rustilo DW 90 HF contains specialty additives formulated to allow for manual handling and moving of parts.

Advantages

- When used straight, this product will provide excellent humidity protection for ferrous and non-ferrous parts for up to one and one-half years of indoor storage
- Specially formulated to be compatible with synthetic tube mill products offered by Castrol Industrial
- High flash point eliminates need for special fire equipment
- Displaces free-standing water, emulsion, and alkaline cleaner solutions, and replaces the water with a protective film
- Handled parts are fully protected from fingerprint corrosion

Typical Characteristics

Description	Test Method	Unit	Rustilo DW 90 HF
Appearance	CN-TM-007	-	Clear yellow liquid
Specific Gravity @ 15°C	CN-TM-167	-	0.85 - 0.88
Viscosity @ 40°C / 104°F	ASTM D445	mm ² /s	10 - 16
Flash Point, COC	ASTM D92	°F	330 - 340
Film Thickness	-	mils	0.1
Coverage	In-house	sq ft / gal	16,000
Corrosion Protection	(*) Indoor storage	month	12 - 18

Subject to usual manufacturing tolerances.

Additional Information

The claims on film thickness and coverage 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.

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.

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

This product was previously called SafeCoat DW 90. The name was changed in 2015.

Rustilo™ DW 90 HF

12 Jan 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470
Telephone: +1-888-CASTROL Product Information: +1-877-641-1600
www.castrol.com/en_us/b2b/home.html