

## Rustilo™ 612

Neat corrosion preventive oil

### Description

Castrol Rustilo™ 612 (previously called SafeCoat™ 612) is a general purpose short term inhibited protective oil ideal for use where solvent based products are unacceptable.

### Application

Rustilo 612 is especially recommended in cold rolling mills, rod and wire drawing works. Due to good deep drawing properties it is also suitable for the protection of cold rolled vehicle body sheets and light forming operations. Rustilo 612 can also be used as testing liquid for hydraulic equipment as well as leakage testing fluid for gears, pumps and tanks.

Rustilo 612 can be applied by complete immersion, brushing or spraying.

### Advantages

- Free of solvent
- Heavy metals free, (example Barium) which may help you to fulfill aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded.
- Easy to apply
- Contains a corrosion inhibitor package suitable for moderate conditions which provides reliable protection of components.
- Compatible with mineral oil
- The film does not harden even long after the product has been applied.
- If required, protective films of Rustilo 612 can be easily removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

### Typical Characteristics

Name	Method	Units	Rustilo 612
Appearance	Visual	-	Brown fluid
Density @ 15°C	DIN 51 757	g/ml	0.88 - 0.93
Viscosity @ 40°C	DIN 51 562	mm <sup>2</sup> /s	10 - 14
Film Type	-	-	Oily
Film Thickness	-	µm	2 - 4
Corrosion Protection	(*) Indoor Storage	Month	4
Corrosion Protection	(**) Outdoor Storage	Month	Not recommended
Consumption	Oiling Machines	kg/100m <sup>2</sup>	0.12 - 0.15
Consumption	Immersion	kg/100m <sup>2</sup>	1.5 - 2.5

Subject to usual manufacturing tolerances.

## 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.

## 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 the product safety data sheet.

**This product was previously called SafeCoat 612. The name was changed in 2015.**

Rustilo™ 612

13 Mar 2015

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](http://www.castrol.com/en_us/b2b/home.html)