

## **Rustilo™ DWX 32 IN**

Dewatering corrosion preventive

### **Description**

Castrol Rustilo™ DWX 32 IN (previously called Rustilo DWX 32) is a powerful solvent deposited corrosion preventive with good dewatering properties.

The product, after evaporation of the solvent, leaves a soft waxy protective film.

### **Application**

Rustilo DWX 32 IN is a medium to long term protective for use in severe conditions where a high degree of protection is required, i.e. in maritime environment. It is ideal for protection of machine tools and components prior to storage or transportation.

Rustilo DWX 32 IN also shows good water displacing properties.

Although Rustilo DWX 32 IN can be applied by brushing or spraying, its dewatering action is most effective if the articles to be protected can be immersed in a dip tank.

### **Advantages**

- Contains a powerful corrosion inhibitor package suitable for severe conditions which provides reliable protection of components.
- Non-staining to most metal surfaces.
- Good water displacement and penetrating properties which avoids water entrapment and corrosion under film.
- Good stability against acidic and alkaline contaminations which enables a long bath-lifetime to help reduce operational cost.
- Good mechanical film strength and finger print suppressing properties - highly finished work is not damaged by handling which improves component quality.
- If required protective films of Rustilo DWX 32 IN 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 @ 29.5°C           | ASTM D4052           | g/ml  | 0.83               |
| Flash Point, COC           | ASTM D92             | °C    | 40                 |
| Film type                  | Visual               | -     | Waxy transparent   |
| Total Film Forming Content | Calculated           | %     | 28                 |
| Film Thickness             | In-house             | µm    | 5                  |
| Coverage                   | In-house             | m²/L  | 60                 |
| Drying Time @ 20°C         | In-house             | min   | 90                 |
| Corrosion Protection       | (*) Indoor Storage   | Month | 18                 |
|                            | (**) Outdoor Storage | Month | 9                  |

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.

Average drying time is the time until the majority of the solvent is evaporated at ambient temperature and a relative humidity of 60 – 70%. The full corrosion protection will 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 by treating finished surfaces or storing the fully dried 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 10°C and 30 °C / 50°F and 86°F.

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

**This product was previously called Rustilo DWX 32. The name was changed in 2015.**