

## Rustilo DWX 32

Dewatering corrosion preventive

### Description

Castrol Rustilo™ DWX 32 is a powerful solvent deposited corrosion preventive with good dewatering properties. The product, following evaporation of the solvent, leaves a soft greasy protective film.

### Application

Rustilo DWX 32 is a medium to long term protective for use in severe conditions where a high degree of protection is required. It is ideal for protection of machined components prior to storage or transportation. The product also shows good water displacing properties.

Although Rustilo DWX 32 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

- Based on de-aromatised hydrocarbon solvent - mild odour increases operator acceptance.
- Free from heavy metals, such as Barium - improves environmental profile and helps reducing waste disposal cost.
- Contains a powerful corrosion inhibitor package suitable for severe conditions - provides reliable protection of components.
- Good water displacement and penetrating properties and high stability against acidic and alkaline contaminations - enables a long bath-lifetime which helps reducing operational cost.
- Good mechanical film strength and finger print suppressing properties - highly finished work not damaged by handling improves product quality.

### Typical Characteristics

| Name                       | Method          | Units    | Value              |
|----------------------------|-----------------|----------|--------------------|
| Appearance                 | Visual          | -        | Clear Brown liquid |
| Density @ 15C              | ASTM D 1298     | kg/m     | 817                |
| Flash Point                | ASTM D 56       | °C       | > 38               |
| Film type                  | -               | -        | Firm, greasy       |
| Total Film forming content | -               | %        | 32                 |
| Film Thickness             | -               | µm       | 4 - 6              |
| Consumption                | -               | kg/100 m | 1.2 - 1.6          |
| Corrosion Protection       | Indoor Storage  | month    | 18                 |
|                            | Outdoor Storage | month    | 9                  |
| Drying Time @ 20°C         | -               | minutes  | 90                 |

## 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.
- 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 just 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 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 or thickening, which is reversible and doesn't have an impact on product quality.
- If required protective films of Rustilo DWX 32 can easily be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

## Storage

All packages should be stored under cover in a ventilated area at ambient temperature. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Rustilo DWX 32 should not be exposed to hot sun or cold temperature conditions < 9 °C.

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