

RP DW 175, 275, 375 (RUST PREVENTIVE OIL)

DESCRIPTION: RP DW 175, 275, 375 is a premium quality solvent deposited corrosion & rust preventive with excellent dewatering properties. After evaporation of the solvent, the product leaves an ultra-thin greasy protective film.

APPLICATIONS

- RP DW 175, 275, 375 rapidly removes water from components after electroplating processes, machining with a soluble cutting fluid, or from parts that have been washed. The product can displace water from very intricate assemblies and components.
- The very thin residual film provides effective short to medium term protection against corrosion during intermediate storage or transportation.
- Although RP DW 175, 275, 375 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.

BENEFITS & ADVANTAGES

- Contains powerful corrosion inhibitor package suitable for moderate conditions which provides reliable protection of components.
- 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 RP DW 175, 225, 325 can be removed by using a petroleum solvent or alkaline process cleaner.

PROPERTIES

SPECIFICATIONS	RP DW 175	RP DW 275	RP DW 375
Appearance	Clear, brown	Clear, brown	Clear, brown
Density @ 15 °C	0.805	0.800	0.817
Flash Point, PM	>65	>38	>38
Film Type	film, greasy	film, Greasy	film, greasy
Total Film Forming Content	8	24	36
Film Thickness	5	2-4	5-7
Coverage	105	1.0 - 1.2	1.2 – 1.6
INDOOR	8-12 months	12 months	18 months
OUTDOOR	3-6 months	6 months	9 to 12 months
SALT SPRAY TEST	30 hrs	74 hrs	120 hrs

ADDITIONAL INFORMATION

Average drying time is the time until the majority of the solvent is evaporated at ambient temperature and a relative humidity of 60 – 70%. "Indoor storage"- Describes the storage of ferrous components in closed store-rooms having a relative humidity of 60%. "Outdoor storage"-Describes open storage, which assumes primary protection from the elements by tarpaulin or other form of cover.

STORAGE: All packages should be stored under cover. Products must not be stored above 60°C, exposed to hot sun or freezing conditions.

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