

## Hi-Tech

# ANTI RUST DW SERIES

## 901/902/904/X 30/X 32

### THIN-FILM RUST PROTECTION & DEWATERING OIL

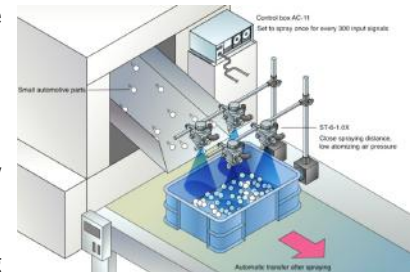
#### Introducing Our Product for Superior Protection and Enhanced Performance

Hi-Tech De-Watering Rust Protectives offer advanced protection for various applications. These non-asphaltic products are formulated with film-forming agents and rust inhibitors in a hydrocarbon carrier. They can be easily applied using methods such as dipping, brushing, swabbing, or spraying. Our products are designed to safeguard machined auto parts, tubes, sheets, and more.

Additionally, Hi-Tech Anti-Rust DW Series is a low-viscosity, light-duty protective solution specially created to shield highly-finished precision parts, including ball bearings.

These corrosion preventives are characterized by their soft film, solvent-based, water-displacing properties. They excel at displacing water from metal surfaces, leaving behind a protective film. Application is effortless, whether through dipping or spraying. When it's time to remove the protective film, a simple wipe-down with rags or waste soaked in kerosene, mineral turpentine, or the use of alkaline or solvent degreasing methods can do the job.

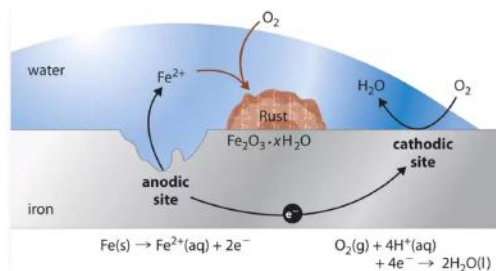
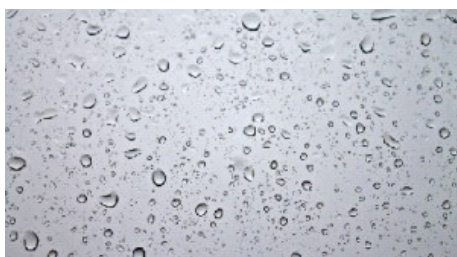
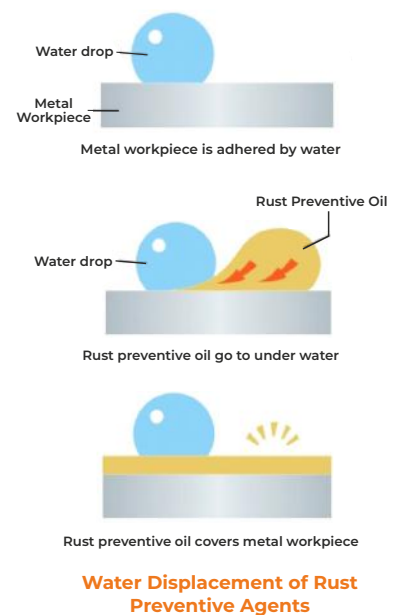
Hi-Tech Anti Rust DW conforms to IS:1154 specifications and is known for its potent solvent-deposited corrosion protection, complemented by excellent dewatering capabilities. After the solvent evaporates, it leaves behind a soft, greasy protective film, ensuring that your valuable components remain safeguarded.



#### Applications

- Ideal for safeguarding components with a high degree of finish, including tools, fasteners, and strips, in machine shops and heavy machinery manufacturing.
- Excellent resistance to salt spray, making it suitable for components intended for sea freight.
- Offers a soft, tacky, and mechanically strong oily film that can endure subsequent handling.
- Effective corrosion prevention in severe conditions, providing medium to long-term protection.
- Highly recommended for protecting machined components before storage or transportation.
- Exhibits good water-displacing properties, ensuring comprehensive coverage.
- Versatile application methods include brushing or spraying, with immersion in a dip tank being the most efficient for dewatering.

Hi-Tech Anti Rust DW Series is a reliable choice, leaving soft oily films for protecting valuable components, machine tools, and machined parts during storage and in factory stores or shops.



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### Technical Properties

Characteristics \ Series	Test Method	DW 901	DW 902	DW 904	DWX 30	DWX 32
Appearance	Visual	Amber	Amber	Amber	Clear and	Clear Brown
		Clear Fluid	Clear Fluid	Clear Fluid	Bright	Bright
Density @ 29.5°C, g/cm <sup>3</sup>	ASTM D 1298	807	807	807	808	808
Flash Point, °C	ASTM D 56	40	40	43	42	44
Fil Type	-	Oily	Oily	Oily	Oily	Greasy
Film Thickness, µm		4-5	7-9	9-10	0.6	4-6
Corrosion Protection, Month	Indoor storage	11	10	10	18	18
	Outdoor Storage	3	3	3	9	9
Coverage, Sq. mt/ltr		25-35	35-45	45-55	35-45	45-55
Water displacement test	IS : 1154	pass	pass	pass	pass	pass
Kinematic viscosity @ 40°C, cSt	ASTM D 445	2.11	2.12	3.1	4.2	5.9

### Additional Information

Please note that the claims regarding film thickness and consumption represent average values. These values are applicable to smooth surfaces with good drainage characteristics and simple geometries without holes or recesses.

The average drying time refers to the duration until the majority of the solvent evaporates at ambient temperature and a relative humidity of 60-70%. Full corrosion protection is achieved when the solvent has completely evaporated.

"Indoor storage" pertains to storing ferrous components in enclosed rooms with a relative humidity of 60%. Extended protection durations can be attained by treating finished surfaces or storing the parts in sealed packaging.

"Outdoor storage" involves open storage, assuming primary protection from the elements through the use of tarpaulin or other forms of cover.

Temperature fluctuations may result in temporary cloudiness or thickening, which is reversible and does not impact product quality.

If necessary, protective films from the Hi-Tech Anti Rust DW series can be easily removed using a petroleum solvent or an alkaline process cleaner.

### Storage Instructions

It is recommended to store all packages in a sheltered, well-ventilated location at room temperature. In cases where outdoor storage is necessary, please ensure that drums are positioned horizontally to prevent potential water ingress and preserve drum markings.

Avoid exposing the Hi-Tech Anti Rust DW series to extreme environmental conditions, including direct sunlight or temperatures below 9°C.

