

NTKOR - 4441

Solvent Based Medium to Long term Protection Coating

It is solvent base rust preventive oil that can be applied by dipping, spraying, felt roll or brushing. The product leaves an adherent soft oily film that protects metal from rust and corrosion in severe moisture and humidity, acidic environment etc. in indoor as well as outdoor industrial environment. The rust preventive coat can be removed by warm aqueous cleaner such as MOSIL NTKOR - 9625 (temperature more than 55°C). It can also be cleaned by thoroughly wiping with lint free cloth.

AREA OF APPLICATION

1. In-process rust preventive after machining of components
2. General purpose industrial rust preventive Oil
3. Cold and Hot rolled coils and sheets

BENEFITS

- In plant protection after machining
- Protection from Acidic vapor and other gases
- Suitable for Powder Coated as well as Painted Surfaces
- Excellent water displacement property
- RoHS Compliant
- Good coverage due to its low viscosity and high penetration properties

METHOD OF APPLICATION

Ensure that the surface to be coated is clean, degreased and dry. Shake the container of NTKOR - 4441 thoroughly. The product can be applied by brush, felt roll, spraying or by dipping. Allow the film to be dried for at least 20 – 30 minutes prior to applying additional coat to get thicker coating.

PACKING: 20 Ltr Pail, 200 Ltr Barrel

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.



PRODUCT BULLETIN

Sr	CHARACTERISTICS	TYPICAL VALUES
1.	Appearance	Clear, Liquid
2.	Color	Dark Amber to Brown (Minor variation in the color has no effect on the performance of the product)
3.	Specific Gravity @ RT ASTM D - 1480	0.82 ± 0.1
4.	Odor	Faint
5.	Film Type	Wet, Oily
6.	Flash Point, °C ASTM D - 92	40 (min)
7.	Drying Time for handling	20 – 30 minutes (Touch Dry)
8.	Average Coating Thickness	6 - 9 microns (on single uniform coat)
9.	Salt Spray Resistance*, hrs ASTM B - 117	168 hrs (min)
10.	Humidity Cabinet Resistance*, hrs ASTM D - 1748	2880 hrs (typical)

* as the performance in corrosion protection is affected by the geometry of the parts, pretreatment of the surface, application method and thickness of the applied film it is recommended that customers run trials on original parts before setting specifications. Test Results are based on the Standard Practice and Application developed at MOSIL R&D Centre.

Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.

All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.

Rev 01, Issue 01

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