

NT KOR – 9421

Heavy Duty Aqueous Cleaner

Description	: A Heavy Duty Cleaner meant for ferrous metal in spray and ultra sonic machine. It leaves almost zero residues on cleaned surface.
Application	: NTKOR – 9421 can be used for dip, Spray and flood wash and Ultra sonic application
Features and Benefits	<ul style="list-style-type: none"> : Leave a short term corrosion preventive film for overnight in-plant protection Remove soil, swarf, rust preventive film and smut. Low foaming and withstand 200 bar spray pressure. Good short term rust protection, if water rinse not given. De emulsify oil, when returns to sump, it gives good sump life. Free from Low molecular weight volatile solvent. Free from Phosphate and Silicates Formulated using non - toxic ingredients and can be used for all food and pharma applications.
Packing	: 5 Ltr Jerry Can, 20 Ltr Pail, 210 Drum
Storage	: To be stored in ambient temperature without exposure to open sun/moisture to prevent evaporation / contamination. To be used within 12 months from the date of manufacturing. Do not transfer used product into container containing unused material.

Recommended Dilution Ratio:

Cleaning Method	Type of Soil to be Removed	Concentration	Temperature
DIP	Heavy	10 – 20 %	Ambient - 70°C
	Heavy to medium	5 – 10%	Ambient - 70°C
	Medium to Light	2 – 7 %	Ambient - 70°C
Ultrasonic bath	Heavy	10 to 15%	Ambient - 70°C
	Heavy to medium	5 to 10%	Ambient - 70°C
	Medium to light	2 to 5%	Ambient - 70°C
Spray	Heavy	10 to 15%	Ambient - 70°C
	Heavy to medium	5 to 10%	Ambient - 70°C
	Medium to light	2 to 5%	Ambient - 70°C

Mosil Lubricants Private Limited

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PRODUCT BULLETIN

- Recommendation**
- 1 Add NTKOR – 9421 to water for preparation of Solution.
 - 2 Concentration of the solution and processing time depends upon type and amount of contaminants to be removed, application method and geometry of the component to be cleaned.
 - 3 Concentration control is recommended by refractometer Index.

Concentration = refractrometer reading X Factor
Factor for NTKOR – 9421 = 2.65

Typical Properties

1	Appearance	Visual	Clear to Slight Hazy Liquid
2	Colour	Visual	Pale Yellow to Yellow
3	Specific Gravity@ 29.5°C	ASTM D 1298	1.0 ± 0.1
4	Odor		Citrus
5	pH		10 ± 2
6	pH 5% solution with water		9 ± 1
7	Cast iron corrosion Test (2% solution)		Passes

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 generalized expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.

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