



# VACUKLEEN 440

Highly alkaline and non-foaming liquid product, used in ultrasonic and spray processes for the total and rapid removal of oil and polishing compounds.

## COMPATIBILITY:

- Titanium
- Carbides
- Steels
- Precious metals
- Stainless steels
- Plastic materials

## INGREDIENTS:

- Surfactants
- Chelating agents, anti-corrosion agents

## PHYSICAL AND CHEMICAL DATA:

- pH concentrated: 13.70
- pH (1%): 12.30
- Density: 1.230
- Surface tension of concentrated chemical: 41.1 mN/m

## INSTRUCTIONS FOR USE:

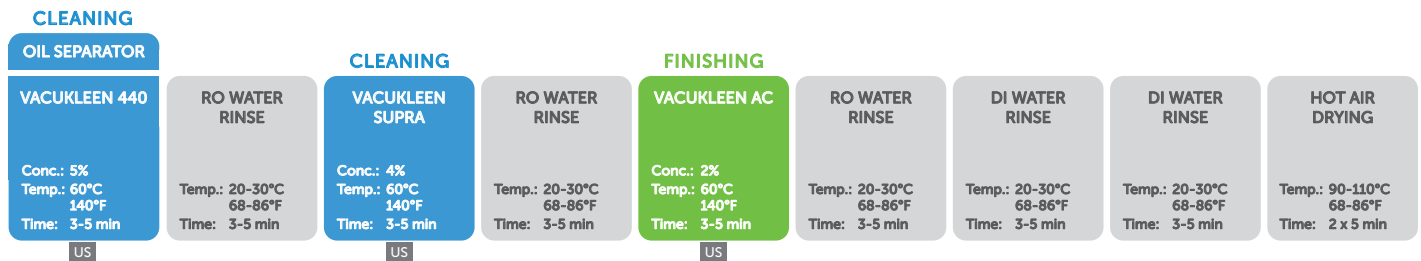
The optimum conditions for use are affected by the quality of the water used in the baths and the type and quantity of contaminants.

- Concentration: 3 to 5%
- Temperature: 50 to 60°C (122 to 140°F)
- Time: 2 to 5 minutes

Warning: mix the product in hot water between 30 and 40°C / 86 and 104°F)

## PROCESS EXAMPLE:

- Cleaning cutting tools made out of carbide and sensitive steel



## BENEFITS:

- Excellent preparation of surfaces prior to vacuum metallisation processes (PVD)
- Used in pre-degreasing
- Favourably substitutes solvents
- Perfect separating of oils (an oil separator is necessary)
- Does not attack cobalt
- Spotless, no oxidation
- Long life of the baths

## STORAGE CONDITIONS:

- Keep the recipient hermetically sealed between 5°C and 40°C (41°F and 104°F) in a dry place.
- Always keep in packaging made from the same material as the original packaging.



If you have any questions, please contact our Application Centre on: +41 22 365 46 66

## NGL CLEANING TECHNOLOGY SA - ECOLOGICAL CLEANING SOLUTIONS

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SWISS QUALITY

