



Metacare NH

Emulsion pH Buffer

Description

Metacare NH is a high alkaline pH buffer for use with Metalube water-mix wire & tube drawing lubricants. The product maintains and improves the pH level of in-use emulsions maintaining stability and prolonging in-ump life.

Metacare NH has a high alkalinity imparting strong pH buffering in used emulsions. Use of **Metacare NH** will help breakdown copper soap deposits that form in the system due to prolonged use. **Metacare NH** has been specially designed for use in conjunction with Metacare NEC-50 in systems that are particularly susceptible to instability or excessive copper soap formation.

Use of **Metacare NH** will improve productivity by reducing wire breaks due to blocked dies, reduced lubrication etc and improve general machine cleanliness. In most cases in-ump life will be extended due to improved emulsion stability.

Metacare NH can also be sprayed or brushed onto areas of the machines e.g. capstans/drawing cones or dies in its concentrated form to aid removal of stubborn deposits.

Features and benefits

- pH Buffering
- Rejuvenates in-use emulsions
- Increased cleanliness of machines, capstans and dies.
- Promotes extended emulsion life

Directions for use

Metacare NH is supplied as a concentrate for pre-dilution prior to adding to the machines fluid recirculating system.

The required volume of **Metacare NH** should be added to 10ltr of fresh emulsion whilst stirring continuously. When fully dispersed the **Metacare NH**/emulsion mix should be added to the machine sump in an area of high agitation.

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Note: if overdosed or **Metacare NH** is added to the system too quickly foaming and a reduction in lubricating properties may be evident.

Treatment rate

When used as emulsion pH buffer, increments up to a maximum: 0.3%*

**Ideally recommendations will be advised by the Metalube Laboratory*

Technical data (typical values)

| Property | Test method | Result |
|-------------------------|-------------|---------------------------------|
| Appearance | MSTM 1 | Clear pale straw liquid |
| pH (1% in tap water) | MSTM 18 | 10.6 |
| Density at 20°C | MSTM 23 | Approx. 1.15 g.cm ⁻³ |

Packaging

Metacare NH is available in 20ltr containers.

Storage

Store **Metacare NH** out of direct sunlight and protect from frost.

Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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