

ELECTROFIX NT 75



Biodegradable Textile Lubricant



Antistatic lubricant for non wovens in web lapping and needle punching operations

APPLICATIONS

- Web lapping and needle punching of polyester, polyamide, polypropylene and their blends with wool or jute
- Tearing of natural and synthetic fibres

ADVANTAGES

- Reduces fiber to metal friction during mechanical bonding processes
- Provides high level antistatic protection
- Improves lubrication and decreases the load on the needle board
- Efficient protection against rust
- Increases inter fibres cohesion and provides soft touch to the fibers
- Facilitates regular web production
- "Readily biodegradable" : reached the Pw1 level (the highest level) under the Norm OECD 301 B
- Environmentally friendly (no mineral oil, no alkylphenol- ethoxylate (APEO))
- Tested according to DIN 75201 method A (+95% at the Fogging test) on a non-woven lubricated with 0,3 % of this product
- Complies with the OEKO-TEX standard 100 requirements when applied according to our recommendations.

RECOMMENDATIONS

Method of Application

- Prefer a mother preparation of product : dilute 5 to 10 times in softened water while stirring, pour out the product in water at room temperature
- The product is applied in dilution by spraying on fibres
- According to the wanted results, the dilution can be reinforced with different additives (please consult us)

NB : to obtain optimum anti-rust protection, the quantity of product shall be equal or superior to 10% according to the total quantity of preparation.

De-Oiling

Best conditions for a good removal:

- Temperature included between 40°C and 60°C
- pH from 8 to 9
- 1 to 2 g/l of detergent from our DETERFIX range



TOTAL

Quantities to be used

- General case : 0,3 – 1 %

NB : The quantities to be used are given as the product is and according to the weight of processed material.

Storage

- Temperature from 5°C to 40°C
- Not to be exposed to temperatures below 0°C
- Shelf Life : 1 year from TOTAL's delivery date

TYPICAL CHARACTERISTICS	ELECTROFIX NT 75
Aspect at 20°C Visual colour Density at 20°C Aspect of a 10% dilution in distilled water Viscosity at 20°C Active material rate Ionicity pH in demineralized water	Clear liquid Almost colourless 1,07 Stable solution 140 – 180 cSt > 60 % Non ionic 6,4 - 7

Above characteristics are mean values given as an information.