



Electrofix NT 75

DESCRIPTION

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.

SPECIFICATIONS

Oeko-Tex Eco Passport and Standard 100 compliant.

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 fibers 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.

Tested according to DIN 75201 method A (+95% at the Fogging test) on a non-woven lubricated with 0,3 % of this product.

Environmentally friendly (no ethoxylated alkylphenol (APEO)).

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded at ms-sds.totalenergies.com

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 to 60°C.
- pH from 8 to 9.
- 1 to 2g/l of detergent from our DETERFIX range.

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 TotalEnergies' delivery date.

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Aspect at 20°C	Clear Liquid	/	Internal
Visual Colour	Almost colourless	/	Internal
Density at 20°C	1,07	g/cm3	ISO 12185
Aspect of a 10% dilution in distilled water	Stable solution	/	Internal
Viscosity at 20°C	180-220	cSt	ISO 3104 / ASTM D445
Active material rate	> 60%	/	N/A
Ionicity	Non ionic	/	N/A
pH in demineralized water (10%)	6,4-7	/	Internal

Above characteristics are typical values given as an information.

APPROVALS

- N/A.

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