



Coning oil

Lissolfix APZ 2270

DESCRIPTION

Anti-splashing, mineral based coning oil for continuous yarns

APPLICATIONS

- Lubrication of continuous polyamide and polyester on any fast machine
- Rewinding of covered elastane yarns with polyester, polyamide, cotton and viscose
- Specially developed for throwing processes such as texturizing

ADVANTAGES

- Decreases yarn/metal and yarn/yarn friction
- Provides high level antistatic protection
- Avoids oil splashes on the machines, on the floor and oil mist in the air
- Decreases and stabilises unwinding tensions
- Harmless on elastane. In case of heat treatment, it is recommended to degrease the parts before the operation
- Improves the regularity of oil pick up on the yarns
- Easily scourable through conventional washing processes
- Limits dripping on yarn-guides
- Environmentally friendly (no ethoxylated alkylphenol (APEO))
- Complies with the OEKO-TEX® standard 100 requirements

RECOMMENDATIONS

De-Oiling

Best conditions for a good removal:

- Temperature included between 50 °C to 80 °C
- pH from 8 to 9
- 1 to 2 g/l of detergent from our Deterfix range
- Softened water or hardness inferior to 20 °fH

Quantities to be used

- Textured polyamide: 1,5 - 2,5 %
- Textured polyester (standard case): ≈ 3 %
- Textured polyester (weft for water jet loom): ≈ 1,5 %
- Textured polyester (warp for sizing): 1,2 - 1,5 %
- Elastane covering: 2 - 3 %

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 down loaded at ms-sds.totalenergies.com



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RECOMMENDATIONS

Storage

- Temperature from 5 °C to 40 °C
- For pumping product use exclusively pumps equipped with revolving pistons or vanes (speed: less than 80 RPM) or pumps with membranes (speed: less than 70 strokes per minute)
- Optimal performance is obtained if the product is stored for a period of maximum 24 months in a dry, indoor, frost-free place and in its unopened original packaging

Approval

- Tested by INVISTA™ laboratory and judged compatible before and after heat-setting with the use of the Lycra® yarns. Lycra® being the trademark registered by INVISTA™ for elastane yarns

TYPICAL CHARACTERISTICS

Aspect at 20 °C	Clear liquid
Colour Gardner	< 2 °G
Density at 20 °C	0,85
Viscosity at 20 °C	28 – 31 cSt
Flash point	> 130 °C
pH in demineralized water (10 %)	Neutral

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