



Coning oil

Lissolfix APZX 1500

DESCRIPTION

Anti-splashing, semi-synthetic based coning oil for the lubrication of continuous yarns

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
- Improves the regularity of oil pick up on the yarns
- Easily removed through conventional washing processes or dry cleaning processes (totally soluble in chlorine solvents)
- Hardly any effect on dye fastness
- Limits dripping on yarn-guides
- Environmentally friendly (no ethoxylated alkylphenol (APEO))
- Complies with the OEKO-TEX® standard 100 requirements

APPLICATIONS

- Lubrication of continuous filament yarns in high speed texturizing
- Specially suitable for rewinding of textured yarns
- Can also be used on undyed yarns in the following applications: friction texturizing (from medium to high counts), air jet texturizing, rewinding of covered yarns, rewinding of textured sewing threads, viscose rayon

RECOMMENDATIONS

De-Oiling

Best conditions for a good removal:

- Temperature included between 60 °C to 90 °C
- pH from 8 to 9
- 1 to 2 g/l of detergent from our Deterfix range

Quantities to be used

- Undyed polyamide: ≈ 3 %
- Undyed polyester: 3 - 5 %
- Dyed textured polyamide: ≈ 2 %
- Dyed textured polyester: 2 - 3 %
- Rayon viscose: 1 - 2,5 %

NB: the quantity applied will have to be adjusted according to processed yarn counts

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
- Freezes at 0 °C and comes back clear at +10 °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

TYPICAL CHARACTERISTICS

Aspect at 20 °C	Clear liquid
Visual color	Slightly yellow
Colour Gardner	< 2 °G
Density at 20 °C	0,86
Viscosity at 20 °C	38 – 42 cSt
Flash point	> 130 °C

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