



Coning oil

Lissolfix APZX 4800

DESCRIPTION

Very fluid, anti-splashing, semi-synthetic based coning oil for undyed yarns

ADVANTAGES

- Shows excellent oil spreadability within the yarn's multifilaments, increasing yarn cohesion
- 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
- Limits oil drops on the yarn guides
- Resistant to yellowing during finishing processes (heatsetting or light treatments)
- Decreases and stabilises unwinding tensions
- Harmless on elastane. In case of heat treatment, it is recommended to degrease the parts before the operation
- Scourable through conventional washing processes
- Environmentally friendly (no ethoxylated alkylphenol (APEO))
- Complies with the OEKO-TEX® standard 100 requirements

APPLICATIONS

- Lubrication of continuous yarns in all friction texturizing machines
- Particularly recommended on polyamide for stockings and tights, polyamide for yarn covering, polyamide for warping, viscose for two-for-one twisting and silk
- Also suitable for yarns in reels, cop builders, winders, etc.
- Specially developed for throwing processes such as texturizing

RECOMMENDATIONS

De-Oiling

Best conditions for a good removal:

- Temperature included between 30 °C to 80 °C
- pH from 8 to 9
- 1 to 2 g/l of detergent from our Deterfix range

Quantities to be used

- Textured polyamide for stockings and tights: 1,5 - 2,5 %
- Textured polyamide for covering: 1,2 - 1,5 %
- Textured polyamide for warping: 1 - 1,2 %
- Fine counts polyester: 2 - 3 %
- Viscose: 2 - 3 %
- Silk: 3 - 5 %

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 heat-setting on yarns containing Lycra®. INVISTA™ recommend the use of this product on Lycra®. Lycra® being the trademark registered by INVISTA™ for elastane yarns

TYPICAL CHARACTERISTICS

Aspect at 20 °C	Clear liquid
Visual color	Slightly yellow
Density at 20 °C	0,84
Viscosity at 20 °C	15 – 17 cSt
Flash point	> 130 °C
pH in demineralized water (10 %)	6 - 8

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