



Lissolfix TH 256 APZ

DESCRIPTION

Biodegradable coning oil. Anti-splashing, synthetic based coning oil with high thermostability characteristics, for raw and dyed 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 the oil mist in the air
- Strongly limits product loss during high temperature finishing treatments
- Decreases and stabilises unwinding tensions
- Easily scourable through conventional washing processes
- Limits dripping on yarn-guides
- Improves the regularity of oil pick up on the yarns
- "Readily biodegradable": reached the Pw1 level (the highest level) under the Norm OECD 301 B
- Environmentally friendly (no mineral oil, no ethoxylated alkylphenol (APEO))
- Complies with the OEKO-TEX® standard 100 requirements

APPLICATIONS

- Lubrication of raw and dyed yarns, and dope-dyed polyester or polyamide.
- Specially developed for throwing processes such as texturizing.

RECOMMENDATIONS

De-Oiling

Best conditions for a good removal:

- Temperature included between 50 °C to 90 °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: 2 - 4 %
- Textured polyester (hosiery, weaving, weft and unsized warp): 2 - 4 %
- Textured polyester (warp for sizing): 1 - 1,5 %
- Air textured polyester yarns: 2 - 6 %

Storage

- Temperature from 5 °C to 40 °C
- For pumping product use exclusively pumps equipped with revolving pistons or vanes (speed: less than 80RPM) 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

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

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Aspect at 20°C	Clear liquid	-	Internal
Colour Gardner	< 3	°G	ISO 4630
Density at 20°C	0,88	g/cm ³	ISO 12185
Viscosity at 20°C	55 - 65	cSt	ISO 3104 / ASTM D445
Flash point	>180	°C	ISO 3679
Ionicity	Non ionic	-	-
pH in demineralized water (10%)	5,5 - 7	-	Internal

Above characteristics are typical values given as an information.

APPROVALS

- N/A.

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