

TEXTUROL 1437



Textiles

DESCRIPTION

Fluid, Pale yellow oil.

APPLICATIONS

Lubrication of continuous filament polyester or nylon yarn textured on high speed equipment.

APPLICATION DETAILS

To be applied during yarn texturing by roller and trough or the Rieter Scragg Metoil system. Suggested amounts for application:

Polyester - normally 2% to 4% oil on the weight of the yarn.

Nylon - normally 1.5% to 2% oil on the weight of the yarn.

PERFORMANCE DATA

- Gives a significant reduction in yarn / metal and yarn / yarn friction, promoting smooth running of the yarn in subsequent processing and good yarn unwinding characteristics.
- Helps the formation of good, stable yarn package.
- Significantly reduces oil splashing and misting during high speed texturing, helping to maintain clean running conditions.
- Readily taken up by the yarn to give an even oil application with consistent yarn performance.
- Provides excellent anti-static properties to the yarn.
- Non-corrosive to metals normally used in textile machinery.
- Readily removed from fabric to low oil residues using a mild detergent or detergent plus alkali scouring system.
- TEXTUROL 1437 does not discolour or oxidise or otherwise alter its characteristics when yarns or fabrics are stored in oil under normal circumstances.

SCOURING SUGGESTIONS

It is recommended that scouring temperatures should not exceed 60°C.

NOTES

Oil-feed systems - we strongly recommend that the use of zinc galvanized or copper pipework is avoided for oil distribution systems. Stainless steel, or in some cases mild steel, are suitable materials.

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FM 01851 EMS 40717

TEXTUROL 1437



HANDLING AND STORAGE

Store above 5° C. Warm before use.

TYPICAL CHARACTERISTICS AND PROPERTIES

TEXTUROL 1437	TYPICAL RESULT
Colour	Very pale yellow
Viscosity @ 21°C (cSt)	Approx. 13
Density @ 15°C (kg/l)	Approx. 0.84
Cloud Point (°C)	< 0
Flash Point (SETA) (°C)	> 120
Ionic Character	Non-ionic
Emulsifiability	Self-emulsifiable in water
Shelf Life	7 years in original container stored out of direct sunlight

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