

# TEXTUROL GRS



## DESCRIPTION

Clear fluid oil of mild odour.

## APPLICATIONS

Lubrication of continuous filament textured yarns, especially polyester and nylon yarns processed at high speed.

## APPLICATION DETAILS

The recommended method of application is by roller and trough on the texturing machine. TEXTUROL GRS has tacky type anti-splash properties and as such is shear sensitive. The anti-splash properties can therefore be reduced by excessive pumping of the oil. Suggested amount for application:

Nylon yarns	-	1% to 3% oil on the weight of the fibre is recommended
Polyester yarns	-	2% to 5% oil on the weight of the fibre is recommended

## PERFORMANCE DATA

- Reduces yarn friction, promoting smooth even running of the yarns in subsequent processing.
- Almost completely eliminates oil splashing in high speed processing, thus reducing oil wastage and oil costs, cleaning costs and hazard due to slippery floors. Atmospheric contamination is also reduced.
- Helps to form a good, stable yarn package, thus facilitating handling of the packages and running of the yarn in later processing.
- Has good anti-static effect.
- Readily taken up by the yarn to give an even oil application.
- A pre-scour or pre-rinse is normally advisable prior to fabric dyeing. The oil is readily removed from fabrics using mild aqueous scouring systems. A scour incorporating non-ionic detergent with alkali is recommended at a liquor temperature not exceeding 60°C. When processing polyester fabrics in jet dyeing machinery a simple water only rinse at 20°C before dyeing is normally sufficient.
- Non-corrosive to the metals normally used in textile machinery.
- TEXTUROL GRS does not discolour or oxidise or otherwise alter its characteristics when yarns or fabrics are stored in oil under normal circumstances.
- Certain types of pump can affect the characteristics of TEXTUROL GRS to a limited degree. In practice however the small circulating pumps fitted to many types of texturing machinery have been found not to affect the performance of TEXTUROL GRS to a significant extent.

## 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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# TEXTUROL GRS



## TYPICAL CHARACTERISTICS AND PROPERTIES

TEXTUROL GRS 20373	UNITS	TYPICAL RESULT
Colour		Pale Yellow
Viscosity @ 21°C	cSt	Approx. 40
Viscosity @ 40°C	cSt	Approx 21
Cloud Point	°C	Approx 1 °C
Flash Point (SETA)	°C	> 147
Ionic Character		Non-ionic
Water Content	%	Below 1
Shelf Life		7 years in original container stored out of direct sunlight

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