

# Molylub GoldTex T 46

Semi-synthetic highest performance water clear enhanced needles lubrication force Textile Industry easy scourable oil for knitting hosiery machines and flat-bed knitting machines with higher thermal and mechanical loads.

## Application:

Flat knitting machines with single, multi, wide gauge and its needles, sinkers, needle cams, needle cylinders, dials and sinker rings. Jacquard knitting machines for knitting of collars, trimmings, full-width panels shaping. Also as universal knitting oil for workshops with highest quality circular knitting machinery.

## Properties :

- unique formulation based on Esters and highly refined mineral oil fractions with active additives
- excellent lubricating effect : specially matched additives of these oils guarantee a minimum wear of the moving parts. Excellent frictional behavior saves energy and reduces operating temperatures.
- high oxidation resistance, excellent aging stability limiting stains, sludge and sediment formation
- contains special emulsifying component additives guaranteeing high scourability both at high and low temperatures through conventional washing processes
- maximized shelf life for key stitch forming parts such as needles, sinkers and tuck cams
- ground breaking anti-wear technology, protecting your machine from wear and corrosion
- cleaning effect achieved by the use of special additives prevents the formation of deposits. No any gumming and sediments on the knitting elements
- vibration-isolating and noise absorbing
- compatible with Elastane fibers, frame paints, plastics and electronic components (needle selectors)

## Specification and Approvals:

Classified as DIN 62 136-1 and DIN 62 136-2 for needle and sinker oils

ISO VG 46

GOTS 3.0; GOTS 4.0; OEKO-TEX compliance

Corresponds to performance level requirements of Shima Seiki, Stoll, Protti, Igus, Groz-Beckert and Betex flat-knitting transfer needles

## Technical characteristics:

TECHNICAL DATA	METHODOLOGY	UNITS	VALUE
Viscosity 40°C	DIN 51562	mm <sup>2</sup> /s	46
Viscosity 100°C	DIN 51562	mm <sup>2</sup> /s	7,5
Viscosity index	DIN ISO 2909		117
Color ASTM	DIN ISO 2049		transparent, clear
Density 15°C	DIN 51757	kg/m <sup>3</sup>	878
Flash point	DIN ISO 2592	°C	225
Pour point	DIN ISO 3016	°C	-15
Wear resistance, SRV test	DIN NORM 62136		Passed

## Advice

Please always check the washability under real conditions in your production. Monitor the lubricant quantity and to readjust it, if necessary Advice on applications not covered in this leaflet may be obtained from your Molylub representative

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