

# SPOTLESS CN22



Textiles

## DESCRIPTION

Fluid, mineral based machine lubricant. Self-emulsifiable in water.

## APPLICATIONS

Needle lubricant for large diameter circular knitting machines. Particularly recommended for the knitting of cotton or cotton / synthetic fabrics, from dyed or undyed yarns, where the fabric will receive an aqueous scour.

## APPLICATION DETAILS

Suitable for application using the automatic oiling units commonly fitted to circular knitting machines, or by manual oiling methods. Sufficient oil to ensure adequate machine lubrication is advised. The amount of oil required will vary with the machine specification and the type of fabrics being knitted.

## PERFORMANCE DATA

- Based on high quality, highly refined mineral oils incorporating an anti-oxidant additive system. The oil has excellent stability, resisting oxidation and breakdown of the oil even at prolonged high operating temperatures.
- Incorporates an effective anti-wear additive system, providing a very high standard of anti-wear performance under the boundary lubricating conditions normally associated with knitting machine needles, sinkers and cams.
- Contains anti-corrosion additives and is non-corrosive to the metals normally used for textile machinery.
- Expected to give good cold starting performance.
- Designed to give clean running of machines, minimising the build-up of fibre lint or swarf deposits.
- SPOTLESS CN22 is self-emulsifiable in water and exhibits a very high level of scourability from knitted fabrics. The oil can be removed to consistently low oil residues in suitable scouring systems incorporating non-ionic or anionic detergent systems with dilute alkali.

## NOTES

**Not recommended for use in the knitting of fabrics containing elastane yarns if the fabric is to be heat set prior to any wet processing. Alternative oils are available for this production route, if required.**

**Contains selected emulsifiers to achieve the required performance in textile finishing. In common with all surface-active agents these may affect certain paints, plastics and elastomeric materials. Users should satisfy themselves that any machine parts or components with which the oil may come into contact are resistant to this product, and if uncertain should refer to the machine manufacturers or to Benj<sup>n</sup>. R. Vickers & Sons Ltd.**

**When introducing a new oil to a machine we recommend cleaning the original oil from the machine and oiler unit as thoroughly as possible, to avoid the potential of any incompatibility problems.**

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FM 01851 EMS 40717

# SPOTLESS CN22



## TYPICAL CHARACTERISTICS AND PROPERTIES

SPOTLESS CN22	UNITS	TYPICAL RESULT
Colour		Dark Yellow
Viscosity @ 40°C	cSt	Approx. 22 (ISO 22)
Density @ 15°C	kg/l	Approx. 0.868
Cloud Point	°C	< 0
Flash Point (SETA)	°C	> 130
Ionic Character		Non-ionic / Anionic
pH Value		Approx. 4.5 as 10% emulsion
Emulsifiability		Self-emulsifiable in water
Shelf Life		7 years in original container stored out of direct sunlight

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