

# SPOTLESS NX32



## DESCRIPTION

Fluid, mineral based oil. Self-emulsifiable in water.

## APPLICATIONS

Lubrication of needles, sinkers and cams of large diameter circular knitting machines, including electronic machines. Also suitable for flat bed knitting machines where an ISO VG 32 lubricant is specified and recommended for the knitting of cotton, cotton / synthetic or 100% synthetic fabrics which will receive an aqueous scour and the production of elastane fabrics.

## APPLICATION DETAILS

Suitable for use with the automatic oiling units commonly fitted to knitting machines. It is recommended that the machine manufacturers' guidelines are followed with respect to the oil application rates.

## PERFORMANCE DATA

- Based on high quality, highly refined mineral oil incorporating an anti-oxidation 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 which provides a very high standard of protection under the boundary lubricating conditions normally associated with knitting machines needles and cams.
- Contains anti-corrosion additives and is non-corrosive to the metals normally used for textile machinery.
- The oil is self emulsifiable in water and can therefore be expected to provide a high standard of scouring performance from knitted fabrics. A detergent with alkali scour system is recommended.
- SPOTLESS NX32 is formulated to have good compatibility with the rubber seals, plastic and electronic components that may be incorporated in modern machinery.
- SPOTLESS NX technology has been tested by DuPont laboratories and has been found to be compatible with Lycra. The oil is suitable for production of elastane fabrics which may be pre-scoured or pre-set.

## NOTES

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.

SPOTLESS NX32 has been formulated and tested to have good compatibility with knitting machine components. However, as with any oil, it is not possible to guarantee full resistance of all materials with which the oil may come into contact with the practice.

### BENJ<sup>N</sup> R. VICKERS & SONS LTD.

**Registered Office**  
6 Clarence Road, Leeds,  
LS10 1ND, United Kingdom  
**Registered in England**  
Company No. 00130013

**Tel:** +44 (0) 113 386 7654  
**Fax:** +44 (0) 113 386 7676  
**Web:** [www.vickers-oil.com](http://www.vickers-oil.com)  
**Email:** [inbox@vickers-oil.com](mailto:inbox@vickers-oil.com)

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Quality Standard and the  
ISO 14001 Environmental  
Management Standard



FM 01851 EMS 40717

# SPOTLESS NX32



## TYPICAL CHARACTERISTICS AND PROPERTIES

SPOTLESS NX32	UNITS	TYPICAL RESULT
Colour		Colourless to pale yellow
Viscosity @ 40°C	cSt	Approx. 32 (ISO 32)
Density @ 15°C	kg/l	Approx. 0.86
Cloud Point	°C	< 0
Flash Point (SETA)	°C	> 170
Ionic Character		Non-ionic / Cationic
Emulsifiability		Self-emulsifiable in water
Shelf Life		7 years in original container stored out of direct sunlight

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Company No. 00130013

**Tel:** +44 (0) 113 386 7654  
**Fax:** +44 (0) 113 386 7676  
**Web:** [www.vickers-oil.com](http://www.vickers-oil.com)  
**Email:** [inbox@vickers-oil.com](mailto:inbox@vickers-oil.com)

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