

SPOTLESS NX46



DESCRIPTION

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

APPLICATIONS

Needle oil suitable for lubrication of high-speed pantyhose knitting machines and sock knitting machines. Also suitable for Flat Bed knitting machines where an ISO VG 46 lubricant is specified.

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 regard 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 NX46 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 NX46 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.

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Quality Standard and the
ISO 14001 Environmental
Management Standard



FM 01851 EMS 40717

SPOTLESS NX46



TYPICAL CHARACTERISTICS AND PROPERTIES

SPOTLESS NX46	UNITS	TYPICAL RESULT
Colour		Colourless to pale yellow
Viscosity @ 40°C	cSt	Approx. 46 (ISO46)
Viscosity Index		>100
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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