PRODUCT INFORMATION

Precision Textile Machine Lubricants

Precision Knit Needle Oil 22

Precision Weaving Oil 46

High-speed knitting machines require high performance lubricants. Many machines are equipped with mist systems, which require that the needle oil have special properties so that it can easily be handled without fogging. Spray mist condenses on ceilings, ducts, and stains fabric. A potential fire hazard exists where excessive oil mist has collected. Precision Knit Needle Oils mist well without fogging. They incorporate additives to control rust and oxidation. Excellent scourabililty by the usual cleaning techniques. PKN #1 is USDA H-2: Authorized by USDA for use in federally inspected meat and poultry plants where no contact with edible products is possible.

Typical Properties	Precision Knit Needle 22	Precision Weaving Oil 46
ISO Viscosity Grade	22	46
Kinematic Viscosity, cSt at 40ºC	24.4	40.5
cSt at 100ºC	4.6	7.3
Viscosity Index	95	114
Flash Point, ASTM D 92, ºF	380	450
Color, ASTM D-1500	1.5 Max	1.0
Rusting, (Cycle Environmental Tester)	----	Pass 7 days
Fog Tendency	None	None
Pounds per gallon	7.21	7.25

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TOTAL Lubricants USA, Inc.

TOTAL Lubricants USA, Inc. with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.
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