

Description

Nexus Knitol-22 is a high-performance lubricant formulated with premium base oils and carefully selected additives to provide reliable protection for textile machinery operating under high-speed conditions.

It is enhanced with advanced anti-friction technology to minimize friction and reduce heat generation, even at elevated machine speeds. This helps ensure smooth operation, improved efficiency, and consistent performance.

Nexus Knitol-22 effectively protects against wear, corrosion, and rust, contributing to extended service life of critical components such as needles, sinkers, and cams.

Application

Nexus Knitol-22 is recommended for:

- Lubrication of circular and flat knitting machines
- Needles, sinkers, and cam systems in textile machinery
- High-speed knitting and weaving components
- General lubrication of fine moving parts requiring low viscosity oil
- Textile equipment requiring clean, efficient, and low-friction lubrication

Benefits:

- **Excellent Anti-Friction Performance**
Reduces friction and heat generation at high operating speeds
- **Enhanced Wear Protection**
Extends the life of needles, sinkers, and cams
- **Corrosion & Rust Protection**
Protects sensitive components in humid textile environments
- **Smooth and Efficient Operation**
Improves machine efficiency and reduces downtime
- **Clean Running Performance**
Helps maintain cleanliness of machine components

- Reliable Performance at High Speed**
 Maintains lubrication effectiveness under demanding conditions

	KNITOL22	KNITOL46
ISO Viscosity Grade, ASTM D 2442	22	46
Kinematic Viscosity @ 40°C/104°F, ASTM D 445	22	46
Kinematic Viscosity @ 100°C/212°F, ASTM D 445	4.25	7.12
Viscosity Index, ASTM D 2270	>110	>110
Flash Point, ASTM D 92, COC, °C/°F	>230/446	>230/446
Pour Point, ASTM D 97, °C/°F	-15/5	-15/5

*Subject to usual manufacturing tolerances

Nexus Knitol

20 Mar 2024

Nexus, the Nexus logo, and related marks are trademarks of Nexus Limited, used under license.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either Nexus or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.