KNITTING OIL S

REXOIL KNITTING OIL S is a high-performance water-emulsifiable textile lubricant specially developed for high-speed knitting machines. It provides excellent lubrication, anti-wear protection and enhanced oxidation and thermal stability, helping reduce friction, wear and heat generation during continuous operation.

Its excellent emulsification and water-washability properties allow lubricant residues to be effectively removed from knitted fabrics during subsequent washing processes, helping minimize oil-related staining and supporting clean textile production.

REXOIL KNITTING OIL S is recommended for circular, flat and warp knitting machines, including needles, sinkers, cams, cam tracks, needle beds and other precision moving components. It is particularly suitable for high-speed and continuous textile applications where clean operation, low lubricant consumption and easy removal during washing are required.

Note: Dilute with clean water in ratios from 1:5 to 1:20 depending on the application. Ensure proper agitation to achieve a uniform, stable emulsion. Regularly monitor emulsion stability and concentration.

Features and Benefits

- **Excellent Anti-Wear Protection:** Helps extend the service life of critical machine components.
- **Excellent Lubricity:** Provides effective lubrication for high-speed moving parts.
- **Enhanced Oxidation & Thermal Stability:** Maintains performance during continuous operation.
- **Low Volatility:** Helps reduce evaporation and lubricant consumption.
- **Excellent Emulsification & Water Washability:** Forms a stable emulsion with water and allows easy removal from textile materials.
- **Clean Operation:** Helps minimize deposits, residues and oil-related staining.
- **Rust & Corrosion Protection:** Protects metal components against rust and corrosion.
- **Low Foaming:** Supports stable operation in high-speed knitting machines.
- **Extended Service Life:** Helps reduce maintenance requirements and lubricant consumption.

Technical Specifications

Test	Method	Typical Properties
Emulsion Appearance	Visual	Milky, Homogeneous
Kinematic Viscosity (40°C), [cSt]	ASTM D445	20,0 – 28,0
Viscosity Index	ASTM D2270	Min. 95
Flash Point, °C	ASTM D92	Min.200
Pour Point, °C	ASTM D97	Max. -15

Health and Safety

This product does not pose a significant health or safety risk when used appropriately. For detailed safety information, please refer to the Safety Data Sheet (SDS).

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed to prevent contamination. Dispose of contents and containers in accordance with local regulations.

REKSOIL PETROKİMYA SAN. VE TİC. A.Ş.
Adres: Birlik Organize Sanayi Bölgesi Doğu Cd. No:19-21 Tuzla – İSTANBUL - TÜRKİYE Tel: +90 216 593 35 70 Fax: +90 216 593 35 78
www.rexoil.com.tr