

Description

Max Circular Knitting Machine Oil is a premium-quality, low-viscosity lubricant developed by MAXFLUID for the needles, sinkers, cams, and other moving parts of circular knitting machines. Formulated with highly refined paraffinic base oils and selected additives, it provides smooth, clean lubrication at high machine speeds.

Its light body and clean-running formulation help reduce friction and wear, protect components against rust and oxidation, and minimize oil staining on fabric, supporting consistent fabric quality and long machine life.

Performance Features & Benefits

Smooth, Consistent Lubrication

A light, stable oil film keeps needles, sinkers, and cams moving freely at high machine speeds.

Reduced Wear on Needles & Sinkers

Helps reduce friction and wear on fast-moving knitting elements, extending component service life.

Rust & Corrosion Protection

Protects steel needles, cylinders, and cams against rust and corrosion, even during machine idle periods.

Oxidation Stability

Resists oxidation and thickening in service, helping keep needle grooves and machine parts clean.

Clean Running, Low Staining

The light-viscosity formulation helps minimize oil build-up and staining on fabric, supporting consistent fabric quality.

Applications

Max Circular Knitting Machine Oil is recommended for:

- Circular knitting machines
- Needles, sinkers, cams, and cylinders
- Other knitting and textile machinery where a light ISO VG 22 oil is specified

Always follow the machine manufacturer's recommendations regarding oil grade and feed rate.

Product Advantages

- Premium low-viscosity knitting machine oil (ISO VG 22)
- Smooth lubrication at high machine speeds
- Reduces friction and wear on needles and sinkers
- Rust and corrosion protection
- Good oxidation stability
- Clean-running formulation
- Helps minimize oil staining on fabric
- Helps extend machine and needle life
- Helps reduce maintenance costs

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Max Circular Knitting Machine Oil
ISO Viscosity Grade	-	ISO 3448	22
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	22
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	4.3
Viscosity Index	-	ASTM D2270	100
Density @ 15°C	kg/l	ASTM D4052	0.866
Flash Point (COC)	°C	ASTM D92	200
Pour Point	°C	ASTM D97	-12

The values shown are typical characteristics and may vary within normal manufacturing tolerances.

Health and Safety

Max Circular Knitting Machine Oil is a premium-quality lubricant intended for use in textile knitting machinery. Under normal operating conditions and when handled correctly, the product is not expected to present significant health or safety hazards.

Avoid prolonged or repeated skin contact and prevent contact with eyes. Wear appropriate personal protective equipment (PPE), including protective gloves and safety glasses, when handling the product. Ensure adequate ventilation in enclosed areas and avoid inhalation of oil mists.

Store in tightly sealed containers in a cool, dry, and well-ventilated area away from direct sunlight, excessive heat, and incompatible materials. Prevent spills from entering drains, waterways, or soil.

For detailed information regarding safe handling, storage, transportation, and disposal, refer to the latest Safety Data Sheet (SDS) for Max Circular Knitting Machine Oil.