

MAK CONING OIL

High quality oil for cone preparation

MAK Coning Oil has been specially developed for preparation of cone of textile yarn. Coning is a process of preparing a cone of yarn that releases yarn uniformly in the next operations like on a knitting creel, warping creel or braiding creel. An ideal cone is not too soft or too hard. MAK Coning Oil enhances the subsequent operations like knitting, warping or braiding. It is blended from highly refined, hydroprocessed base stock fortified with special emulsifier, anti-flashing and antistatic additives. It is water soluble, emulsifiable and helps provide flexibility to the yarns. It also offers abrasion resistance, antistaining and antistatic property to the yarns.

Applications:

MAK Coning Oil is a neat oil for preparation of cone of textile yarns.

Performance/ Benefits:

Reduction of Friction – special additive chemistry helps reduce friction between thread and metal. Reduces breakage.

Abrasion Resistance – ensures less damage during subsequent operations. Offers good finish to fabric.

Antistaining – leaves no stain on the yarn or fabric. Picks up less oil. No deposit formation.

Superior Antistatic Property – prevents fibre pick up dust build up. Yarns can be easily arranged parallel to each other. Ensure uniform release of yarn from cones.

Excellent Washability – possesses excellent washability that facilitates easy removal of oil. Leaves no stain.

Low Volatility – excellent resistance to evaporation even at high ambient temperatures. Reduces consumption and provides good working environment.

Oil Mist Characteristics – no mist or smoke formation tendency. Reduces oil consumption and provides good working environment.

Rust and Corrosion Resistance – possesses excellent resistance to rust and corrosion.

Storage Stability – retains properties in lubricated yarns during storage.

Specification:

- Proprietary Grade

Typical Physico-Chemical Data: MAK Coning Oil

Characteristics	Method	Value
Appearance	Visual	Clear
Colour	Visual	Water White
Density, g/cc @15°C	ASTM D1298	0.850
Kinematic Viscosity @40°C, cSt	ASTM D445	22 to 25
Emulsion Stability, (10% vol. water solution)	--	Stable
pH Value, (10% vol. water solution)	ASTM D1287	7.5

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 3 yrs. under protected storage conditions.

Health & Safety:

It is unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.