

## MOL-SFIN 1500

### Description:

**MOL-SFIN 1500** Spin Finish Oil is a combination of heat stable lubricants and surfactants designed for Polypropylene (PP) Multifilament yarns. This product provides a balanced degree of lubricity, cohesion and static protection. It also exhibits excellent wetting properties necessary for uniform processing of Polypropylene multifilament yarn.

### Features:

- Excellent thermal characteristics.
- APEO and NPEO free.
- Low and uniform fibre-to-metal and fibre-to-ceramic dynamic friction.
- Excellent antistatic and non-corrosive properties.
- High filament cohesion to have good package build-up and avoid overthrown ends or loops.
- No reaction with polymer stabilizers causing discoloration.
- Resists degradation of polypropylene substrate.
- Uniform wetting properties.
- Excellent affinity to fibre.
- Easily washable by water.
- Suitable for high speed spinning due to low filament to filament dynamic friction and improved drawability and reduced breakages in subsequent process.
- Good colour fastness to rubbing.
- Non-irritating to skin and eyes.

### Applications:

- Generally applied as neat oil through Ceramic Finish nozzles and metering pumps.
- Can also be applied as 15 to 20% aqueous emulsion by Lick roller.
- Recommended Oil-Pick-Up% for most yarn varieties ranges from 1.20% to 1.50%.

### Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point

### Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 2 years

### Packing Available in:

- 210 Kg. PE Drum

### Physical and Chemical Conditions:

MOL-SFIN 1500	Value
Appearance	Colorless to Pale Yellow Liquid
Active content	85.0 ± 5.0%
pH (10% Solution)	7.0 ± 1.0
Specific Gravity (25 C)	1.011
Solubility	Soluble in DM Water at normal room temperature (about 25 Deg C).