

## MOL-SFIN 2007

### Description:

**MOL-SFIN 2007** is a thermally stable Spin Finish designed for Polyester POY yarn for high speed friction Draw Texturing process (DTY). This Spin Finish shows very little deposition on both heater plates and produces excellent yarn quality, low broken filament and less breaks in DTY process.

### Features:

- Give optimum lubricity and inter-filament cohesion.
- Minimum breaks during drawing process.
- No fume, no snow and no deposit on the heater surface.
- Provides good wettability and uniformity on the fibre surface.
- Easily washed off with water, non-toxic, no skin irritation.
- Optimum Fibre to metal and Fiber to Ceramic frictional properties.

### Applications:

- Take required quantity of DM water in the preparation tank at about 30 Deg C.
- Add required quantity of SFIN-2007 Finish oil slowly to DM Water with constant stirring.
- In general 10 to 12 wt% emulsion is best suited for Polyester POY for DTY route.
- Recommended Oil-Pick-Up% for most yarn varieties ranges from 0.40 to 0.60%.

### 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
- For more information, please see the Material Safety Data Sheet (MSDS).

### Combination:

- The Finish oil is a blend of :  
Lubricants,  
Wetting Agent,  
Special non-ionic surfactants,  
Antistatic agents,  
Antifoaming agents.

### 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 2007	Value
Appearance	Colorless – Light yellowish clear liquid
Active content	90.0 ± 2.0%
pH (10% Solution)	7.0 ± 1.5
Ionic Type	Anion / non-ion
Solubility	Soluble in DM Water at about 25 to 35 Deg C.

\*The stated values can fluctuate within the normal range.

\*Meets the requirements of the OEM manufacturer.