

## MOL-SFIN 4413

### Description:

**MOL-SFIN 4413** is a spin finish designed for FDY route of Polyester Yarn. It impacts powerful static protection and optimum lubrication for low friction combined with excellent filament bundle cohesion.

### Features:

- Low and uniform fiber-to-guide frictional properties.
- Compatible with warp sizes.
- Excellent antistatic properties
- Uniform fiber bundle cohesion.
- Excellent heat stability.
- No staining and hence good scour-ability.

### Applications:

- MOL-SFIN - 4413 may be applied as an aqueous emulsion of 15% to 20% concentration, prepared by adding the oil slowly into de-mineralized water with agitation.
- Application levels of 1.0 - 1.4% on the weight of the yarn are recommended for FDY yarn depending on the number of filaments.
- To prevent bacterial growth, Spinaid - 500 antibacterial chemical should be added to the emulsion, 500 – 1000 ppm on the total weight of the Emulsion.

### 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:

- 50 Kg. HDPE drum

### Physical and Chemical Conditions:

MOL-SFIN 4413	Value
Appearance	Colorless to Pale Yellow Liquid
Active content	88.0 ± 2.0%
pH (10% Solution)	7.0 ± 1.5
Solubility	Soluble in DM Water at normal room temperature (about 25 Deg C).