LENOLUBE™ N-3086 offers on all systems maximum processability particularly on polyesters and blends thereof.

**SPECIFICATIONS**

- **Appearance**  
  - Clear, slightly yellow liquid

- **Solubility**  
  - Stable, milky emulsion (10%)

- **pH (2% sol'n)**  
  - 6.0 ± 0.3

- **Density**  
  - 7.5 lbs/gal

- **Flash Point**  
  - 365°F (open cup)

- **Congealing Characteristics**  
  - 43°F - Pour point at 6°F; Product will show thickening slow haze.

- **Ionic Charge**  
  - Nonionic

On usage, **LENOLUBE™ N-3086** offers:

- Less fuzzy yarn, less chance of thick and thins, and consequently, superior CV ratings.
- Minimization of gumming and shedding.
- More uniform coiling in the cans without a possibility of flip-flopping of sliver (which can occur with some polyesters).
- Complete static protection.
- Above all, greater yields.
- Excellent scourability.
- Will not affect dyeability.
- Lower pour point than competitive products.
- No deposition in open end or air-jet spinning.

**LENOLUBE™ N-3086** has a much lower congealing tolerance than competitive products and may not solidify as some do. This is most important in a reduction of congealing in the pipe lines of emulsion.
APPLICATIONS

LENOLUBE™ N-3086 excels particularly on phosphated slick polyesters and polyester/rayon (VISCOSE) blends, as well as on fire retardant polyesters.

Based on customer usage, we initially recommend anywhere from 0.13% to 0.18% add-on of actual LENOLUBE™ N-3086 from a 1:5 to a 1:8 cut in water. Moisture used depends on mill humidifications and equipment.

On the following blends, LENOLUBE™ N-3086 has proven optimum results, based on customer usage:

- Blends of dyed cotton (as high as 80%) with natural cotton
- 100% natural cotton
- Cotton/flax blends
- Polyester/cotton blends
- Polyester/ acrylic blends
- Polyester/rayon blends
- Rayon/flax blends
- DuPont COOLAX®

The LENOLUBE™ N-3086 aids in reducing fly waste, increases yields and strength as processed on ring, open-end or air-jet spinning.

LENOLUBE™ N-3086 is recommended by DuPont for their COOLMAX® fiber.

Based on customer usage, we suggest on these blends, a 1:9 cut in water and a 0.7% - 0.15% add-on of actual LENOLUBE™ N-3086 initially be tried.