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
- 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 (VISCOSSE) 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.