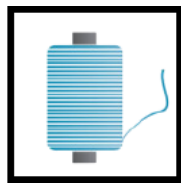


## Needle 22



### *White rustproof Needle oil*



High quality, low viscosity textile machine lubricant.

#### APPLICATIONS

- High quality, low viscosity textile machine lubricant, blended from highly refined white mineral oil, rust and oxidation inhibitors and fatty oil lubricity additive. It is based on high quality base oils blended with antirust and antioxidant additives.
- ✓ Circulating knitting, Warp knitting
- ✓ Loom wires
- ✓ Hosiery machines
- ✓ High speed, light duty sewing machines
- ✓ Other textile machine applications requiring a low viscosity inhibited oil, particularly where there is a risk of leak or splash contact with fabric

#### ADVANTAGES

- **Long equipment life**  
Lubricity additive ensures that an oil film is maintained between moving surfaces, protecting against wear. Effective rust and corrosion inhibitors protect components under wet or humid operating conditions.
- **Reduces unscheduled maintenance**  
Effective oxidation inhibitor and highly refined mineral oil provide excellent resistance to degradation and deposit formation at elevated service temperatures.
- **Minimizes fabric staining**  
Readily scorable to minimize risk of staining in the event of contact with fabric.

Typical Characteristics	Reference Method	Typical Test Data
Appearance	Visual color	Clear liquid/ colorless
Density at 20°C, kg/l	ASTM D 1298	0.842
Flash Point, COC, °C,	ASTM D 92	140
Viscosity at 40°C, cSt	ASTM D 445	19-25
Rust & Oxidation Test	Internal	Passes
Copper strip test (3hr at 100°C)	ISO 2160	1a