

YARNOL FF



DESCRIPTION

Golden yellow oil.

APPLICATIONS

Carding and spinning of wool and other fibres on the woollen system.

APPLICATIONS

Can be applied neat or as an emulsion. Emulsions up to 50% concentration are fluid. Application levels will vary according to the type of blend and the particular mill conditions involved. Typical applications would be:

| | | | | | | |
|-----------|-----|-----|-----|-----|-----|---------------|
| Shetland | ... | ... | ... | ... | ... | 8% to 10% owf |
| Lambswool | ... | ... | ... | ... | ... | 5% to 6% owf |
| Cashmere | ... | ... | ... | ... | ... | 4% to 5% owf |

PERFORMANCE DATA

- Based on lubricants traditionally used in the spinning of high quality hosiery yarns and thus giving good carding and spinning performance with high yields and level yarns.
- Recommended for carding and spinning of IWS 'superwash' treated wool blends processed on the woollen system. A 5% application is recommended for lambswool.
- Gives clean carding.
- Gives good yarn lubrication during knitting.
- Readily removed from garments in the very mild neutral scouring liquors which are becoming increasingly popular. Such scours will remove YARNOL FF to very low residues. Garments can be subsequently subjected to various shrink proof processes without interference from residual wool oil.
- Goods knitted from yarns spun in YARNOL FF can still be scoured in traditional soap and alkali liquors and gives the garment handle and cover characteristics associated with such systems.
- The versatility in terms of scouring means that the one lubricant can be used by a spinner for all their customers, secure in the knowledge that it will be adequately scoured by all finishing systems in current use.

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FM 01851 EMS 40717

YARNOL FF



TYPICAL CHARACTERISTICS AND PROPERTIES

| YARNOL FF | UNITS | TYPICAL RESULT |
|------------------------|-------|---|
| Viscosity @ 21°C | (cSt) | Approx. 100 |
| Density @ 15°C | kg/l | Approx. 0.93 |
| Flash Point (COC) | °C | > 170 |
| Mackey Test | | Passes |
| Ionic Activity | | Non-ionic |
| Odour | | Fatty |
| Cloud Point | °C | < 0 |
| Setting Point | °C | < 0 |
| Emulsion Stability | | Emulsions up to 50% concentration |
| Anti-static properties | | Excellent |
| Shelf Life | | 7 years in original container stored out of direct sunlight |

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