TECHNICAL DATA SHEET OF DANA KNITTING OIL EMULSIFIER ADDITIVE

DESCRIPTION:-

- DANA KNITTING OIL EMULSIFIER ADDITIVE is a non ionic antistatic emulsifier for making soluble oils for applications in fibre,textile machines and machine industries
- It contains detergent dispersant,antibacterial agents, etc.
- It can be used in mineral base oils paraffinic type to meet requirements.
- The milky emulsion produced is stable and passes IP 263 with hard water, and passes iron chip test 0/1-2.
- Passes froth test and IP312 in 5 minutes with nil results.
- **Dosage%/Treat rate% -** 7-9% in SN70 base oil & 11-14% in SN150 base oil group II.

BENEFITS:-

- Easy washable ,readily dispersible with water.
- Good oxidation resistance.
- Good lubricity,sinker wear protection,reduces friction.
- Excellent stability of lubricating film.
- Good protection against rust.
- Non corrosive to copper,bronze and other non-ferrous parts.

APPLICATION:-

- Finished knitting oil made from DANA KNITTING OIL EMULSIFIER ADDITIVE is recommended for use on knitting needles,on full fashion machines using nylon yarn and on circular knit machines where a light oil is required.
- Suitable for high speed textile production machinery including needles,lifters,and sinkers.
- Can be used in rapier guides and jacquard components on weaving machines.

SPECIFICATION:-

TEST PARAMETER	VALUES
Appearance	Colorless liquid
Viscosity CST @100°C	4-7
Flash point COC °C	180
Density @ 27°C,gm/cc	0.9
Emulsion stability	Stable for 24 hrs
PH of emulsion,min	7.5
ASH % w/w of finished oil	0.1

Storage Temp °C	Max. 50°C
Blending temperature	Max. 50°C
Storage stability	2yrs with proper condition

HANDLING & STORAGE:-

Packed in **200 KGS in steel drums**. We can also make other packing against the orders. Recommended blending temperature is 70°C maximum. **Material Safety Data Sheets (MSDS)** are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product.