

MONOLUBE PX is a highly efficient oil / synthetic lubricant possessing good wetting properties, anti-mildew characteristics, good anti-static properties and excellent fibre / metal lubrication properties for use on most yarn types.

A multi-purpose textile product with applications ranging from a fibre lubricant, for wool and synthetic fibres at blending, as a conditioning lubricant and as a very effective lubricant for application at warping / beaming of most yarns, for weaving, where an alternative finish to a conventional film - forming 'wax' is required. The excellent emulsification properties are achieved through the high level of emulsifiers used in the formulation of this balanced material.

MONOLUBE PX does not contain banned substances listed by GOTS/ZDHC, Oeko-Tex Standard 100 and Bluesign.

## **APPLICATION**

(1) Conditioning - 1 part of MONOLUBE PX can be diluted with up to 19 parts of water (i.e.) 5% concentration and the usual amount of condition then applied during yarn winding or twisting, or for application, by spray method, through conventional conditioning machines.

(2) Warping / Weaving - MONOLUBE PX is ideally suited as a lubricant for weaving yarns with the application at the warping / beaming stage. With this method, the product is used in its concentrated form to offer the best possible lubrication to the yarns during weaving.

When used for this application, MONOLUBE PX will confer good fibre / metal lubricating properties to the warp threads enabling smooth passage through weaving machines. Unlike film - forming 'waxes' the product remains liquid and so, is ideally suited to clients who still prefer this form of weaving lubricant. The excellent emulsifying properties of MONOLUBE PX enable ease of scouring, provided that standard, efficient scouring methods are utilised.

Typical applications levels commonly used are as between 2 - 4% (o.w.f.) which provides adequate for most spun or continuous filament yarns. As with all warping lubrication applications, care should be taken to ensure minimum amounts are applied and that application is even. Intentional over applications of any warping lubricant should be avoided and trial increased pick-up levels should be controlled carefully with small percentage increase levels only at each trial run.

(3) Fibre Lubrication- MONOLUBE PX serves as a highly effective fibre lubricant, primarily for use at the blending stage for woollen spun yarns. Suited to wool and synthetic blends, the product is ideally suited to applications where final scourability, under natural conditions, is desired.

Application levels range and can be advised to suit particular mill conditions, spinning machinery and fibre types.

## **BENEFITS**

- Multi-purpose textile lubricant.
- Excellent emulsification properties.
- Good anti-mildew performance.
- Excellent fibre and metal lubrication properties.

## **TYPICAL PROPERTIES**

Appearance	Pale, straw coloured oil
Active Content	95-100%
Ionic Character	Non-ionic
Density	0.870-0.880 @ 15.60C

pH	6.5-8
Flash Point	>180°C
Viscosity - emulsion 3:1 (Redwood)	28 - 35 secs @ 20°C
Anti-static Properties	Excellent
Solubility	Readily emulsifiable

## **HEALTH & SAFETY**

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.