

MAK WARPING OIL

Description

MAK WARPING OIL is specially formulated with highly refined Gr. II base oil and emulsifier & Anti static agent additive.

Application

- Weaving is the process of interlacement of warp with weft. Warp is a longitudinal yarn and Weft is Lateral/crosswise yarn in the fabric.
- Warping is the process of preparing a double flanged beam of warp yarns arranged parallel to each other.
- Warping oil is used to treat textile yarn to withstand the abrasive forces encountered by the warp yarn during weaving.
- A Warping is water soluble, dispersible or emulsifiable and gives good flexibility and abrasion resistance strength to yarn. The more flexible treated warp yarn encounters less damage during the slashing operation to result in improved weaving performance.

Benefits

- Warping oil helps for reduction of thread – to metal –friction.
- Warping oil helps in enhancing lubricity and suppleness of warp material.
- Warping oil also supports reduction in tendency of threads to hook to each other.
- Warping oil featuring superior antistatic properties as well as dust binding support, it also ensures no presence of deposits/incrustation on reeds/application units as well as can be easily removed by washing action.

Performance Level

- Proprietary blend

Technical Specifications

Characteristics	ASTM	MAK WARPING OIL
Appearance	Visual	Clear & Bright
Kinematic Viscosity@40°C,cSt	D-445	12.48
Emulsion stability (10% Vol. water solution)	--	Stable
PH value (10 % vol. water solution)	D-1287	7.81
Density at 29.5°C gm/ml (original liquor)	D-1296	0.8400

All the mentioned values are typical which may vary from batch to batch

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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