

Techlube

BIODEGRADABLE WATER BASED LUBRICANTS



- Underground Power & Telecom cable placement lubricants
- Duct pre-lubrication to reduce friction & risk in difficult pulls
- "String & Cling" consistency = perfect adhesion onto cable in wet weather & resistance to wash off in water filled ducts
- Compatibility tested with cable jacket materials & jointing accessories
- Techlube products retain duct lubrication for several months assisting additional cable pulls to same duct
- Non flammable
- Biodegradable & non toxic for environment & staff safety
- Several formulations (HD, Multi, PHD, M, FO) to match your exact need

Recommended by:



Techlube Range

HD

Heavy duty lubricant for heavy cables and difficult pulls. Available in buckets and pre-lubricating bags.

Viscosity = 5400 - 7400 cSt

Multi

All-purpose lubricant. Intermediate viscosity between PHD and HD.

Viscosity = 4500 - 6500 cSt

PHD

Pourable lubricant for medium weight & lighter cable installations.

Viscosity = 1800 - 3500 cSt

M

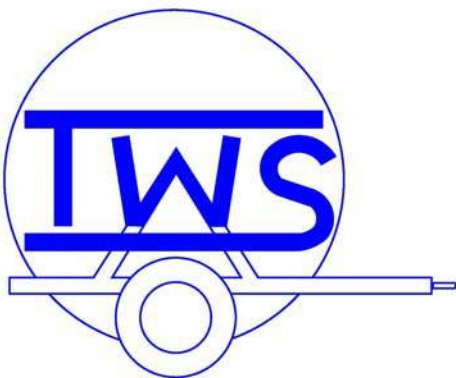
Specially designed lubricant with microspheres for the Telecoms industry.

Viscosity = 1800 - 3500 cSt

FO

Fiber optic and sub-duct installation lubricant with high elasticity for reduced consumption.

Viscosity = 1600 - 3000 cSt



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Product Description

All Techlube lubricants share the same chemistry and main characteristics: The “Cling & String” consistency ensures strong adhesion to the duct wall/cable and superior friction reduction. Techlube is non greasy. Spillages can be flushed to drain with water but will not wash off cables easily, allowing Techlube to lubricate cables even when ducts are flooded with water. Techlube dries slowly, leaving a thin film (less than 6% solids by weight remains after complete evaporation at room temperature) which is non-flammable and keeps its lubricating potential for several months.

Health & Safety

Techlube is a biodegradable, non toxic, water based lubricant. It has a pleasant smell and is not irritating to the skin. Protective clothing is not required. Techlube presents no threat to the environment, therefore spills do not need to be disposed into specific containers - just flush to drain.

Low & High Temperature Stability

Standard grade Techlube will not separate or lose performance qualities in either hot weather or after undergoing freeze / thaw cycles. Techlube was designed to be used at temperatures, from -5°C up to 60°C. A winter formula is available for Techlube HD for lower temperature operations.

Compatibility

Techlube does not contain any salt, detergent, paraffin or grease which can degrade cable jackets or cause hot spots. Techlube has passed compatibility testing with materials used in power cable accessories, joints and cable jackets: High Density Polyethylene, Linear Low Density Polyethylene, Natural Rubber, Chlorinated Polyethylene, Hypalon, Ethylene Propylene Rubber, Cross Linked Polyethylene, Poly-Vinyl Chloride, Neoprene. These test results are available from PT Technologies Europe.

Instructions for Standard Use

Techlube products are easy to apply through a variety of methods:

Applications by hand or manual pouring on cable are effective.

Applications by pumping or cone feeder systems are also suitable.

Can be used for pre-lubrication by sponge pigging or pre-lube bag methods.

Please ask your Techlube representative for application guidelines and advice on pulling.

Approved by:



Gestor
du Réseau de Transport d'Electricité

