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LUBRICANT FOR PULLING OF ELECTRIC CABLES

In all flexible, rigid or pliable ducts

Suitable for all temperature classes

AVOID BREAKAGES WITH WIRE / NEEDLE CONNECTIONS

NEEDLES, SLIDING FACILITATED, WITHOUT FORCING

iBiotec ELECTROLUB 770

ELECTROLUB 770 is a complex compound specifically developed for pulling of electrical cables and wires in sheaths and ducts.

Its formula has been studied such that it now allows for pulls over great lengths, on paths with low radius curves and for all diameters.

ELECTROLUB 770 is stable and inert in response to plastics and elastomers, and therefore ducts and insulators.

ELECTROLUB 770 is extremely easy to use, it is deposited at the entrance of the conduit courtesy of the cannula specially equipped on the can.

Its friction reduction qualities are not impaired by the presence of humidity or water.

On the other hand, **ELECTROLUB 770** can be used outside, at temperatures of up to -20°C, without loss of performance.

Can be used in humid environments or in flooded pipes.

APPLICATIONS

Optimum sliding coefficient, regular pulling tension

For all ICTA, ICA, ICTL sheaths and shafts

IRL tubes

Total neutrality as per ASTM 4289.83, with the elastomers which constitute the insulators or the PE sheaths, EPR, Hypalon, chlorosulfonated PE, PER, PVC, silicone rubbers, polyolefins, PVA, LDPE

Complies with the ICC P1210/D10 specifications (Insulated Conductor Committee IEEE 2015)

Suitable for all temperature classes of wires, cables and conduits

Can be used on old networks even if they are bent or slightly scratched.

Pulling of telecommunications cables.

Installation of sub-tubes.

Do not use for pulling fibre-optics.

TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS

PHYSICAL CHARACTERISTICS OF FAT			
CHARACTERISTIC	NORM or METHOD	VALUE	UNIT
Aspect	Visual	Gel	nm
Colour	Visual	Yellow	nm
Apparent density at 25°C (pycnometer)	NF T 30 020	980	kg/m³
Impurities > 25µm > 75µm > 125µm	FMTS 791 3005	0 0 0	nb/ml
PHYSICAL CHEMICAL-CHARACTERISTICS OF BASE OIL			
CHARACTERISTIC	NORM or METHOD	VALUE	UNIT
Nature of base oil	-	Mineral	-
Kinematic viscosity at 40°C	NF EN ISO 3104	90	mm/s-1
Kinematic viscosity at 100°C		70	mm/s-1
Acid index (Ia)	NF ISO 6618	0.0	mg KOH/l
PERFORMANCE CHARACTERISTICS			
CHARACTERISTIC	NORM or METHOD	VALUE	UNIT
Separation of oil – 7 days at 40°C (penetrant)	NF T 60 191	0	% of mass
Separation of oil – 24 hours at 41 kPa (penetrant under pressure)	ASTM D 1742	0	% of mass
Sulphated ash	NF T 60 144	0.1	% of mass
Loss via evaporation – 22 hours at 121°C	ASTM D 972	0.5	% of mass
Swelling on elastomers – 70 hours at 100°C	ASTM D 4289.83	0.00	Dimensional variation (%)
Temperature ranges – continuous	-	-20 +100	°C

PRESENTATION

Hot water bottle with 1 L cannula



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