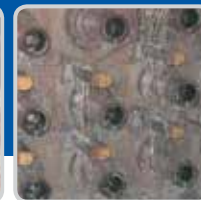
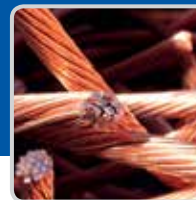




COPPER ELECTRICAL WIRE SELECTION GUIDE



CONDAT has developed an extensive range of lubricants to fit all the processes of companies manufacturing electric wire. Our strong technical expertise enables us to offer high performance lubricants in compliance the latest environmental legislation. Our range includes mineral or synthetic oil based, neat oils, water soluble fluids, and vanishing lubricants.

Water-based lubricants are the most commonly used fluids for

copper & copper alloys cold drawing applications. They are defined as those where water is the main phase. Basically, water-based fluids combine the cooling properties of water with lubricating properties of oil and/or various technical additives. Various families are used and these can be classified according to their appearance in aqueous media as follow: soap-fat compounds, water-soluble oils, semi-synthetic and synthetic solutions.

BARE COPPER WIRES	Emulsions	Semi Synthetic	VICAFIL TCU 515	Rod break and redrawing including multiwires machine.
			VICAFIL TCU 615	Rod break and redrawing. Clean finish. Good detergency
			VICAFIL TCU 815	Rod break and redrawing. High resistance to conductivity
		Synthetic	VICAFIL TCU 715	Versatile multipurpose product for bare or coated copper wire. Clean finish
COATED COPPER WIRES	Solutions	Synthetic	VICAFIL TCU 210	Drawing of fines wires of bare or coated copper wire. Clean finish.
	Emulsions	Semi Synthetic	VICAFIL TCU 910	Nickel coated fine wires drawing. High performance
QUENCHING	Solutions	Synthetic	VICAFIL TCU 531	Clear solution for the annealing / quenching with added rust protection

Please refer to our complementary additives range to help you manage your lubricant lifetime and performance.

