



Globally associated as a reference for developed wire drawing

With over 160 years of expertise, and due to the synergies of the Condat group's international structure and technical know-how, their lubricants are recognised as the global reference for wire drawing. Condat offers an extensive range covering all industrial lubrication needs in the field of cold drawing/rolling of wires and

bars. Products include non-reactive coatings, dry lubricants, oils, pastes, greases, rust preventatives, and degreasing products. The France-based company's trained engineers visit the wire drawing workshop to analyse the various process parameters such as metal to be drawn, surface preparation, die section, number of dies, drawing speed and final application. This methodology enables the selection of a lubricant with a chemistry to complement the application, meaning adherence, fat content, grain size and form, thermal profile and additives of the wire drawing lubricant are optimised. This specific methodology for lubricant selection is applicable for all types of dry drawing lubricants whether pure calcium soap based lubricants, pure sodium soap based lubricants or indeed a mixture of soap types. It is also appropriate for all types of wire preparation and applications, from mechanically descaled low carbon steel wire used for nail production through to acid pickled and coated high carbon wire used for steel cord production. It has also given increased efficiency for stainless steel wire drawing. The main objective is to reduce the customer's global costs. By perfectly matching the lubricant to the process, lubricant consumption can be decreased, whilst at the same time maintaining or increasing drawing speed and die lives.



Condat's teams can help to define the most appropriate lubricants for the concrete application. © Condat

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